Summary of British Columbia Herring Biological Sampling Data for the 2003 - 2004 Season

P. Midgley and J. Schweigert

Fisheries and Oceans Canada
Science Branch, Pacific Region
Pacific Biological Station
Nanaimo, British Columbia
V9T 6N7

2006

Canadian Data Report of Fisheries and Aquatic Sciences 1180

Fisheries and Oceans | Pêches et Océans

Canada

Canadian Data Report of
Fisheries and Aquatic Sciences

Data reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of data reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries and aquatic sciences.

Data reports are not intended for general distribution and the contents must not be referred to in other publications without prior written authorization from the issuing establishment. The correct citation appears above the abstract of each report. Data reports are abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Numbers 1 - 25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26 - 160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was introduced with the publication of report number 161.

Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out-of-stock reports will be supplied for a fee by commercial agents.

Rapport statistique canadien des
sciences halieutiques et aquatiques

Les rapports statistiques servent à classer et à archiver les compilations de données pour lesquelles il y a peu ou point d'analyse. Ces compilations auront d'ordinaire été préparées à l'appui d'autres publications ou rapports. Les sujets des rapports statistiques reflètent la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, c'est-à-dire les sciences halieutiques et aquatiques.

Les rapports statistiques ne sont pas destinés à une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports statistiques sont résumés dans la revue *Résumés des sciences aquatiques et halieutiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros 1 à 25 de cette série ont été publiés à titre de relevés statistiques, Services des pêches et de la mer. Les numéros 26 à 160 ont été publiés à titre de rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 161.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

106-07422/

Canadian Data Report of

Fisheries and Aquatic Sciences 1180

2006

SUMMARY OF BRITISH COLUMBIA HERRING BIOLOGICAL SAMPLING DATA FOR THE 2003 - 2004 SEASON

by

P. Midgley and J. Schweigert

Fisheries and Oceans Canada

Science Branch, Pacific Region

Pacific Biological Station

Nanaimo, British Columbia

V9T 6N7

© Her Majesty the Queen in Right of Canada, 2006
Cat. No. FS 97-13/1180E ISSN 0706-6465

Correct citation for this publication:

Midgley, P., and Schweigert, J. 2006. Summary of British Columbia herring biological sampling data for the 2003 - 2004 season. Can. Data Rep. Fish. Aquat. Sci. 1180: v + 81 p.

LIST OF TABLES

Page

Table 1. Codes for British Columbia herring sampling data. 5

Table 2. Maturity stages for Pacific herring..... 6

Table 3a. Seine biological sampling information by Stock Assessment Region (SAR), herring section and location for the 2003 - 2004 season..... 8

Table 3b. Gillnet biological sampling information by Stock Assessment Region (SAR), herring section and location for the 2003 - 2004 season..... 13

Table 3c. Spawn on kelp biological sampling information by Stock Assessment Region (SAR), herring section and location for the 2003 - 2004 season. 14

Table 4. Test fishing vessels chartered during the 2004 season, areas and dates of operation and samples processed. 15

Table 5. Estimated age composition for the 2004 charter, seine and gillnet roe fishery samples.....16

Table 6. Summary of 2004 roe herring fishery and landings (Tons). 17

Table 7. Biological samples collected in the 2003/04 season by statistical area and source. 18

Table 8. Food and bait fishery sample summaries by section.....19

Table 9. Seine roe fishery sample summaries by section.....21

Table 10. Gillnet roe fishery sample summaries by section 24

Table 11. Spawn on kelp fishery sample summaries by section.....27

Table 12. Test fishing sample summaries by section.....28

Table 13. Percent at age, mean length (mm) and mean weight (gm) at age by sample. 46

LIST OF FIGURES

Page

Fig. 1. Herring sections in the Queen Charlotte Islands region. 69

Fig. 2. Herring sections in the Prince Rupert District region. 71

Fig. 3. Herring sections in the Central Coast region. 73

Fig. 4. Herring sections in the Johnstone Strait region. 75

Fig. 5. Herring sections in the Strait of Georgia region. 77

Fig. 6. Herring sections in the west coast of Vancouver Island region. 79

Fig. 7. Herring stock assessment regions in British Columbia. 81

ABSTRACT

Midgley, P., and Schweigert. J. 2006. Summary of British Columbia herring biological sampling data for the 2003 - 2004 season. Can. Data Rep. Fish. Aquat. Sci. 1180: v + 81 p.

Age compositions and the average length and weight at age, the sex ratio, and the maturity states of herring samples combined by geographical area, time period, gear type, and source are tabulated for the 2003 – 2004 season. Tables are given for two geographical groupings: stock assessment regions and herring sections.

RÉSUMÉ

Midgley, P., and Schweigert. J. 2006. Summary of British Columbia herring biological sampling data for the 2003 - 2004 season. Can. Data Rep. Fish. Aquat. Sci. 1180: v + 81 p.

Ce rapport présente la répartition par âge, la taille moyenne et le poids en fonction de l'âge, la proportion par sexe et l'état de maturité de l'harengs chantillonnés en 2003 - 2004, par région géographique, période de l'année, genre d'engin de pêche et provenance. Les tableaux sont divisés en deux regroupements géographiques : régions d'évaluation des stocks et sections d'harengs.

INTRODUCTION

Biological samples of herring are collected and processed annually for length, weight, sex, maturity, age, gonad weight, and gonad length. This information is used in stock assessments, and for determining stock characteristics. Additionally, it is useful to fishery managers located along the coast of British Columbia. The information presented here is for the 2003 - 2004 herring season which extends from July 1, 2003 to June 30, 2004. This report summarizes biological characteristics by different gear and source types, as well as different levels of geographic aggregation. The smallest level of aggregation is by herring section (Figs. 1 - 6), which is a subdivision of Statistical Area. Stock assessments are conducted at a region level of geographic aggregation (Fig. 7).

Biological characteristics of individual fish collected annually since the 1950-51 season are maintained on computer files. These files provide a 54 -year series of data accessible for analyses and modelling.

METHODS

The two main sources of biological samples are the roe herring test fishing program and roe herring fisheries. While a major objective of the test fishing program is to provide support for fisheries management, a secondary objective is to collect biological samples throughout the geographic range of herring spawning aggregations. Test fishing operations are conducted to ensure that the vessels are available before and during the main spawning run in each area. Roe herring fisheries are the main source of commercial samples. Fisheries for roe herring are sampled with the goal of collecting ten samples from each seine fishery, and six samples from each gillnet fishery. A sampling plan is designed for each fishery to ensure that the sample series collected accurately represents biological characteristics of the entire catch in time and gear distribution, for each gear type.

Additional commercial samples are collected from the fall food and bait fisheries. A small quota of 50 tons was allocated to each of the 18 eligible vessels, of which only 12 participated largely due to poor market demand. Each vessel participating in this fishery was expected to provide a biological sample from their catch.

As well as commercial and test fishing samples, small numbers of research samples are collected by Fisheries and Oceans (DFO) vessels, and occasionally by chartered commercial vessels throughout the year. Samples with source code "4" (other) are collected from various sources that do not fit into the categories described above.

In most instances biological samples are frozen on board vessels and shipped to the Pacific Biological Station where they are processed following standard procedures described by Hamer (1989). Data codes are presented in Table 1.

Gonad maturities are classified according to a modified Hjort maturity scale (Table 2). Female roe maturities in the data summaries are defined as:

Immature	- Hjort stages 1 - 4
Mature	- Hjort stages 5 - 6
Spent	- Hjort stages 7 - 8.

Fish classified as immature in estimating the sex ratio are those whose gonads were not sufficiently developed for sex determination.

DATA COMPILATION AND SCREENING

The biological sample information from each sample is entered directly into a computer as the fish are processed, using a data entry program. The data are subsequently screened by computer for relationships between age, length, and weight which are outside the normal range for the coast as a whole (mean +/- 2 standard deviations). Anomalies are listed, and the associated data checked for possible errors in recording or coding.

AGE DETERMINATION

Age determination is based on the number of annuli on the scales. Herring ages are reported using the "year of life" convention. That is, fish in their first year are designated as age "0+". Herring "birthdays" are considered to be at spawning, and not on January 1, as is the convention for many other fish species.

A revised system of ageing herring has been used since the 1987-88 season. Before that season, a fish was either assigned an age or was classified as unageable. With the revised ageing system, the option of two possible ages was used when it was difficult to positively determine the age. At present there is no optimal procedure for incorporating these data into age composition estimates, so they continue to be treated as unageable. Therefore, the age compositions in this report are based only on fish for which a single age was assigned.

RESULTS

BIOLOGICAL SAMPLING AND AGE COMPOSITIONS

In the 2003 - 2004 season 201 test fishing samples, 64 roe fishery samples, 24 "other" samples, and 12 food and bait fishery samples were processed, bringing the total number for the season to 301 (Table 3 and 7). Test fishing vessels collected 3 samples from spawn on kelp ponds (SOK), on an opportunistic basis. A dedicated tagging platform collected 21 samples during tagging operations on spawning aggregates.

Fifteen seine vessels, four gillnet vessels, four management platforms, two surface survey vessels and two dive platform were chartered to help manage the 2004 roe herring fisheries through hydro-acoustic surveys, test fishing, and spawn surveys. Details on the distribution of effort, and number of samples collected by chartered vessels are provided in Table 4. Roe fishery samples were collected from seine fisheries in areas 5, 7, 14 and 23 and from gillnet fisheries in areas 4, 6, 14, 17 and 25 (Table 7). Food fishery samples were taken from area 14 and 17. Bait fishery samples were taken from areas 13 and 17.

Age compositions for samples from the test fishery, and the seine and gillnet roe fisheries are summarized by section in Table 5.

The following types of information, with associated table numbers, are summarized in this report:

Codes for sample data	Table 1
Maturity stages for Pacific herring	Table 2
Listing of samples processed	Table 3
Charter vessel information	Table 4
2004 age compositions	Table 5
Roe herring fishery summaries	Table 6
Sample source and location summary	Table 7
Data summaries	Tables 8 - 13.

The data summaries include various groupings of samples by geographical areas, gear types, and source types. Each summary contains information on the age composition, the average length and weight at age, the sex ratio, and the maturity stages of the combined samples in that report.

ACKNOWLEDGMENTS

The Fish Ageing Unit at the Pacific Biological Station determined the ages. J.O.Thomas and Associates Ltd. collected the roe fishery samples, and Tideview Services processed all samples. Lorena Hamer and Bryan Rusch provided summary information. The Herring Conservation and Research Society (HCRS) supported the test fishing program through which the bulk of biological samples were collected.

REFERENCES

Bowers, A.B., and Holliday, F.G.T. 1961. Histological changes in the gonad associated with the reproductive cycle of the herring (*Clupea harengus L.*). Mar. Res. Scot. 5: 16 p.

Hamer, L. 1989. Procedures for collecting and processing British Columbia herring samples. Can. Manuscr. Rep. Fish. Aquat. Sci. 2030: 27 p.

Table 1. Codes for British Columbia herring sampling data.

A. Gear		B. Source	
19	Gillnet	0	Roe fishery
29	Seine	1	Bait fishery
20	Salmon seine	2	Research - inshore
21	Other seine	3	Research - offshore
70	Beach seine	4	Other
50	Other trawl	5	Test Fishery
59	Herring trawl	6	Food Fishery
01	Other	7	Reduction Fishery

C. Preservation		D. Sex	
0	Frozen	1	Male
1	Fresh	2	Female
2	Salted	3	Unknown
3	Other		
4	Brined		

Table 2. Maturity stages for Pacific herring (adapted from Bowers and Holliday 1961; Parrish and Saville 1965). These descriptions are intended as general guidelines. Length of time samples have been frozen, thawing time and different handling procedures may alter the colour of the gonads. Therefore, the texture of the gonad is also used to assess maturity. The timing description is also a general guideline due to the wide range in spawn timing on the British Columbia coast.

Stage	State of Maturity	Gonad appearance	Description	Timing
I	Undeveloped	Thread-shaped	Virgin herring with small gonads, less than 2 mm broad. Accurate macroscopic determination of sex not possible. Fat is visible in the body cavity.	Year-round for young herring usually less than 150 mm in length. (However, some herring as small as 125 mm may have mature gonads.)
II	Starting	Ribbon-shaped	Gonads increased in breadth to 3-5 mm. Sex determination difficult. Testes reddish-grey coloured and knife-shaped. Ovaries reddish-wine coloured and bullet-shaped at tip. (The gonads of virgins and some repeat spawners cannot be differentiated macroscopically.) Fat is visible in the body cavity.	Late spring and early summer.
III	Developing	Tube-like	Gonads thickened, increased in breadth (5-15 mm) and elongated, but not extending full length of body cavity. Ovaries red to reddish-orange, granular in appearance, and bullet-shaped at the tip. Testes reddish-grey, smooth in appearance, and knife-shaped.	Usually late summer to early fall, but may extend into winter and early spring.
IV	Maturing	Prominent	Gonads extend full length of body cavity. Ovaries reddish-orange to yellow; eggs distinguishable, opaque, variable in size and separate. Testes mostly grey, firmer, and will ooze milt if sliced with a knife. Blood vessels often clearly visible in the ovary and testes walls.	Usually late fall and winter, but may extend to as late as March. (Slightly earlier in males than females.)

Table 2 (cont'd)

Stage	State of Maturity	Gonad appearance	Description	Timing
V	Mature	Bulging	Few or no blood vessels visible in gonad walls. Walls of body cavity thin. Ovaries gold-yellow, firm and will often break into sections. Eggs mostly transparent and uniform in size. Testes usually milk-white, soft and plump; and milt will flow under pressure.	Mid-winter to late spring.
VI	Ripe	Running	Gonads do not hold their shape. Ovaries look and feel gelatinous. Segmentation is lost. Eggs are transparent and sticky to the touch. Testes runny, and have a curdled appearance. Milt flows easily without external pressure.	A few days prior to spawning (usually in late winter to spring).
VII	Spent	Baggy	Gonads slack. Sex determination difficult. Ovaries may contain a few residual eggs. Testes limp and bloodshot. Body wall thin and no fat present; blood in body cavity.	Spring for the first few weeks following spawning.
VIII	Recovering	Compressed	Gonads wide-coloured and usually longer, fuller and not as slack as Stage VII. Blood vessels prominent. Little or no fat in the body cavity.	Late spring and early summer.

Table 3a. Seine biological sampling information by Stock Assessment Region (SAR), herring section and location for the 200
– 2004 season.

SAR	Section	Location	Sample	Year	Month	Day	Source	Presrv	No. of Fish Sampled	Aged	Lengths	Weights
QCI	006	Skindaskun Is	055	2004	02	26	5	0	100	94	100	100
QCI	021	Island Bay	051	2004	03	11	5	0	100	97	100	100
QCI	021	De la Beche Inlt	052	2004	03	09	5	0	100	92	100	100
QCI	021	Dolomite Nrws	058	2004	03	10	5	0	100	90	100	100
QCI	021	Island Bay	059	2004	03	11	5	0	100	98	100	100
QCI	021	Burnaby Str	065	2004	03	12	5	0	100	95	100	100
QCI	024	Traynor Cr	066	2004	03	03	5	0	100	90	100	100
QCI	025	Huston Inlt	050	2004	02	01	4	0	100	96	100	100
QCI	025	Tangle Cv	054	2004	03	12	5	0	100	90	100	100
QCI	025	Huston Inlt	056	2004	03	21	5	0	100	92	100	100
QCI	025	Huston Inlt	061	2004	02	01	4	0	100	99	100	100
QCI	025	Sea Pigeon Is	067	2004	02	27	5	0	100	94	100	100
QCI	025	Skincuttle Inlt	084	2004	03	20	5	0	100	97	100	100
QCI Total									1300	1224	1300	1300
PR	033	Flewin Pt	176	2004	03	11	5	0	100	87	100	100
PR	042	Big Bay	170	2004	03	10	5	0	100	98	100	100
PR	042	Burnt Cliff Is	172	2004	03	17	5	0	100	95	100	100
PR	042	Hogan Ledge	177	2004	03	19	5	0	100	91	100	100
PR	052	Gurd Pt	189	2004	03	30	5	0	100	93	100	100
PR	052	Willis Bay	191	2004	03	26	5	0	100	99	100	100
PR	052	Absalom Is	192	2004	03	24	5	0	100	88	100	100
PR	052	Gurd Inlt	200	2004	03	24	5	0	100	90	100	100
PR	052	Gurd Pt	203	2004	03	29	5	0	100	94	100	100
PR	052	Gurd Is	208	2004	04	02	4	0	100	91	100	100
PR	052	Robert Is	209	2004	03	20	5	0	100	90	100	100
PR	052	Gurd Is	210	2004	04	01	5	0	100	89	100	100
PR	052	Robert Is	211	2004	03	19	5	0	100	95	100	100
PR	052	Robert Is	212	2004	03	17	5	0	100	92	100	100
PR	052	Robert Is	213	2004	03	21	5	0	100	95	100	100
PR	052	Kitkatla Cr	217	2004	03	27	5	0	100	97	100	100
PR	052	Kitkatla Cr	218	2004	03	21	5	0	100	93	100	100
PR	052	Gurd Pt	222	2004	03	20	5	0	100	92	100	100
PR	052	Goschen Pt	224	2004	03	27	5	0	100	94	100	100
PR	052	Gurd Pt	225	2004	03	29	0	0	100	97	100	100
PR	052	Gurd Pt	226	2004	03	30	5	0	100	97	100	100
PR	052	Kitkatla Cr	232	2004	03	27	0	0	100	94	100	100
PR	052	Gurd Pt	238	2004	03	29	0	0	100	96	100	100
PR	052	Gurd Is	245	2004	03	27	0	0	100	97	100	99
PR	052	Kitkatla Cr	247	2004	03	27	0	0	100	96	100	100
PR	052	Gurd Is	253	2004	03	27	0	0	100	92	100	100
PR Total									2600	2432	2600	2599
CC	067	Laredo Inlt	103	2004	03	12	5	0	100	86	100	100
CC	067	Kitasu Bay	112	2004	03	18	5	0	100	94	100	100
CC	067	Kitasu Bay	114	2004	03	12	5	0	100	93	100	100
CC	067	Meyers Psg	135	2004	03	11	5	0	100	97	100	100
CC	072	Berry Inlt	083	2004	03	25	0	0	100	90	100	100
CC	072	Berry Inlt	100	2004	03	25	5	0	100	0	100	100
CC	072	Tankeeah River	105	2004	03	23	5	0	100	97	100	100
CC	072	Shingle Rk	110	2004	03	11	5	0	100	99	100	100
CC	072	Shingle Rk	120	2004	03	23	5	0	100	98	100	100
CC	072	Shingle Rk	123	2004	03	21	5	0	100	94	100	100
CC	072	Shingle Rk	124	2004	03	14	5	0	100	98	100	100
CC	072	Berry Inlt	138	2004	03	21	5	0	100	0	100	100
CC	072	Berry Inlt	143	2004	03	24	0	0	100	0	100	100
CC	072	Berry Inlt	150	2004	03	23	5	0	100	99	100	100

Table 3a. (cont'd).

SAR	Section	Location	Sample	Year	Month	Day	Source	Presrv	No. of Fish Sampled	Aged	Lengths	Weights
CC	072	Fisher Pt	151	2004	03	25	5	0	100	93	100	100
CC	072	Berry Inlt	154	2004	03	23	5	0	100	0	100	100
CC	072	Spiller Chnl	234	2004	03	24	0	0	100	0	100	100
CC	072	Spiller Chnl	235	2004	03	24	0	0	100	93	100	100
CC	072	Berry Inlt	246	2004	03	24	0	0	100	88	100	100
CC	072	Tankeeah River	248	2004	03	24	0	0	100	88	100	100
CC	074	Dundivan Inlt	106	2004	03	15	5	0	100	97	100	100
CC	074	Waskesiu Pass	107	2004	03	20	5	0	100	97	100	100
CC	074	Dundivan Inlt	109	2004	03	22	5	0	100	91	100	100
CC	074	Dundivan Inlt	111	2004	03	12	5	0	100	98	100	100
CC	074	Waskesiu Pass	117	2004	03	10	5	0	100	98	100	100
CC	074	Waskesiu Pass	121	2004	03	16	5	0	100	99	100	100
CC	074	Dundivan Inlt	126	2004	03	07	5	0	100	95	100	100
CC	074	Dundivan Inlt	127	2004	03	17	5	0	100	97	100	100
CC	074	Muir Is	134	2004	03	20	5	0	100	0	100	100
CC	074	Seaforth Chnl	149	2004	03	24	0	0	100	0	100	100
CC	074	Seaforth Chnl	214	2004	03	24	0	0	100	96	100	100
CC	076	Stewart Inlt	108	2004	03	19	5	0	100	96	100	100
CC	077	E Higgins Pass	113	2004	03	20	5	0	100	0	100	100
CC	077	E Higgins Pass	115	2004	03	23	5	0	100	89	100	100
CC	077	E Higgins Pass	116	2004	03	19	5	0	100	98	100	100
CC	077	E Higgins Pass	119	2004	03	22	5	0	100	0	100	100
CC	077	E Higgins Pass	125	2004	03	17	5	0	100	98	100	100
CC	077	E Higgins Pass	128	2004	03	14	5	0	100	92	100	99
CC	077	E Higgins Pass	129	2004	03	09	5	0	100	93	100	100
CC	078	Mathieson Chnl	118	2004	03	15	5	0	100	94	100	100
CC	085	Fairmile Pass	102	2004	03	17	5	0	100	96	100	100
CC	085	Kwakshua Chnl	104	2004	03	03	5	0	100	88	100	100
CC	085	Fairmile Pass	144	2004	03	02	5	0	100	96	100	100
CC	085	Kwakshua Chnl	145	2004	03	19	5	0	100	96	100	100
CC Total									4400	3311	4400	4399
GS	132	Deepwater Bay	062	2004	02	26	5	0	100	57	100	100
GS	141	Kitty Coleman Bch	045	2004	02	28	5	0	100	96	100	100
GS	141	Oyster Rvr	046	2004	02	28	5	0	100	98	100	100
GS	141	Kitty Coleman Bch	267	2004	02	25	5	0	100	0	100	100
GS	142	Seal Islets	002	2004	03	04	5	0	100	94	100	100
GS	142	Comox Bar	003	2004	03	08	5	0	100	98	100	100
GS	142	Willemar Bluff	016	2004	03	07	5	0	100	97	100	100
GS	142	Norris Rks	018	2004	03	09	5	0	100	93	100	100
GS	142	Comox Bar	019	2004	03	06	5	0	100	93	100	100
GS	142	Cape Lazo	025	2004	02	01	5	0	100	92	100	100
GS	142	Norris Rks	026	2004	03	04	5	0	100	93	100	100
GS	142	Komas Bluff	029	2004	03	01	5	0	100	92	100	100
GS	142	Longbeak Pt	031	2004	02	27	5	0	100	98	100	100
GS	142	Denman Is E	032	2004	03	02	5	0	100	92	100	100
GS	142	White Spit	035	2004	03	01	5	0	100	95	100	100
GS	142	Komas Bluff	038	2004	02	26	5	0	100	98	100	100
GS	142	Flora Islet	040	2004	02	26	5	0	100	93	100	100
GS	142	White Spit	041	2004	03	10	5	0	100	95	100	100
GS	142	Denman Is E	042	2004	03	03	5	0	100	97	100	100
GS	142	Denman Is E	049	2004	03	05	5	0	100	97	100	100
GS	142	Metcalf Bay	057	2004	03	11	5	0	100	98	100	100
GS	142	Flora Islet	071	2004	02	01	5	0	100	96	100	100
GS	142	Downes Pt	073	2004	03	02	5	0	100	92	100	100
GS	142	Mud Bay (Baynes)	260	2004	03	08	5	0	100	0	100	100

Table 3a. (cont'd).

SAR	Section	Location	Sample	Year	Month	Day	Source	Presrv	No. of Fish Sampled	Aged	Lengths	Weights
GS	142	Comox Bar	265	2004	03	02	5	0	100	0	100	100
GS	142	Chrome Is	266	2004	03	09	5	0	100	0	100	100
GS	142	Komas Bluff	272	2004	03	04	5	0	100	0	100	100
GS	142	Whalebone Pt	275	2004	03	13	5	0	100	93	100	100
GS	142	Chrome Is	276	2004	03	08	5	0	100	0	100	100
GS	142	Chrome Is	277	2004	03	05	5	0	100	0	100	100
GS	142	Cape Lazo	278	2004	03	09	5	0	100	0	100	100
GS	142	Norman Pt	279	2004	02	25	5	0	100	0	100	100
GS	142	Chrome Is	280	2004	03	05	5	0	100	0	100	100
GS	143	Little Qualicum Rvr	-007	2003	11	26	6	0	100	85	100	100
GS	143	Little Qualicum Rvr	-006	2003	12	09	6	0	100	87	100	100
GS	143	Little Qualicum Rvr	-005	2003	12	03	1	0	100	83	100	100
GS	143	French Cr	-004	2003	11	19	6	0	100	81	100	100
GS	143	Little Qualicum Rvr	-003	2003	12	10	6	0	100	44	100	100
GS	143	Qualicum Bay	021	2004	03	06	5	0	100	92	100	100
GS	143	Northwest Bay	022	2004	03	08	5	0	100	94	100	100
GS	143	Columbia Beach	024	2004	03	02	5	0	100	93	100	100
GS	143	Little Qualicum Rvr	030	2004	03	04	5	0	100	96	100	100
GS	143	French Cr	043	2004	03	01	5	0	100	94	100	100
GS	143	Qualicum Rvr	261	2004	03	03	5	0	100	0	100	100
GS	143	Little Qualicum Rvr	271	2004	02	27	5	0	100	0	100	100
GS	143	Qualicum Beach	273	2004	02	23	5	0	100	96	100	100
GS	143	Mapleguard Pt	274	2004	03	06	5	0	100	0	100	100
GS	143	Thames Cr	282	2004	03	03	5	0	100	0	100	100
GS	143	Little Qualicum Rvr	290	2004	01	22	6	0	100	90	100	100
GS	143	Little Qualicum Rvr	291	2004	01	19	6	0	100	64	100	100
GS	152	Sutil Pt	270	2004	02	28	5	0	100	94	100	100
GS	172	Nankivell Pt	-001	2003	11	25	6	0	100	85	100	100
GS	172	Blunden Pt	005	2004	03	10	5	0	100	88	100	100
GS	172	Departure Bay	014	2004	03	12	5	0	100	84	100	100
GS	172	Five Finger Is	015	2004	03	13	5	0	100	97	100	100
GS	172	Nanaimo	085	2004	03	12	0	0	100	87	100	100
GS	172	Nanoose Bay	140	2004	03	10	0	0	100	94	100	100
GS	172	Nanoose Bay	141	2004	03	10	0	0	100	93	100	100
GS	172	Nanaimo	142	2004	03	13	0	0	100	89	100	100
GS	172	Nanoose Bay	146	2004	03	10	0	0	100	97	100	100
GS	172	Nanoose Bay	147	2004	03	11	0	0	100	91	100	100
GS	172	Nanoose Bay	148	2004	03	11	0	0	100	85	100	100
GS	172	Lantzville	292	2004	01	05	6	0	100	89	100	100
GS	172	Lantzville	293	2004	01	14	6	0	100	88	100	100
GS	172	Nanoose Bay	294	2004	01	13	6	0	100	81	100	100
GS	173	Ruxton Pass	013	2004	03	15	5	0	100	88	100	100
GS	173	De Courcy Is	020	2004	03	17	5	0	100	90	100	100
GS	173	Pylades Chnl	023	2004	03	12	5	0	100	93	100	100
GS	173	Hall Is	283	2004	02	27	5	0	100	95	100	100
GS	173	Ruxton Pass	284	2004	02	25	5	0	100	93	100	100
GS	173	Boat Hrbr	285	2004	02	27	5	0	100	90	100	100
GS	173	Stuart Chnl	287	2004	02	28	5	0	100	90	100	100
GS	181	Swanson Chnl	-002	2003	11	12	6	0	100	86	100	100
GS	181	Moresby Is	007	2004	03	19	5	0	100	70	100	100
GS	181	Captain Pass	289	2004	02	01	5	0	100	94	100	100
GS	191	Coal Pt	048	2004	03	13	5	0	100	92	100	100
GS	191	Deep Cv	286	2004	02	28	5	0	100	94	100	100
GS	191	Saanich Inlt	288	2004	02	26	5	0	100	97	100	100
GS Total									7800	5760	7800	7800

Table 3a. (cont'd).

SAR	Section	Location	Sample	Year	Month	Day	Source	Presrv	No. of Fish Sampled	Aged	Lengths	Weights
WCVI	232	Food Islets	004	2004	02	24	5	0	100	90	100	100
WCVI	232	Refuge Is	028	2004	03	11	5	0	100	93	100	100
WCVI	232	Chrow Is	033	2004	03	10	5	0	100	91	100	100
WCVI	232	Swale Rk	034	2004	03	07	5	0	100	89	100	100
WCVI	232	Pipestem Inlt	039	2004	03	13	5	0	100	89	100	100
WCVI	232	Forbes Is	044	2004	03	03	5	0	100	95	100	100
WCVI	232	Shears Is	047	2004	03	14	5	0	100	98	100	100
WCVI	232	Food Islets	063	2004	03	04	5	0	100	94	100	100
WCVI	232	Cabbage Rks	064	2004	02	28	5	0	100	77	100	100
WCVI	232	Food Islets	068	2004	03	05	5	0	100	93	100	100
WCVI	232	Swale Rk	069	2004	02	28	5	0	100	81	100	100
WCVI	232	David Is	070	2004	02	26	5	0	100	97	100	100
WCVI	232	Food Islets	072	2004	02	27	5	0	100	92	100	100
WCVI	232	Forbes Is	074	2004	02	01	5	0	100	89	100	100
WCVI	232	St Ines Is	075	2004	03	03	5	0	100	84	100	100
WCVI	232	Food Islets	076	2004	03	03	5	0	100	92	100	100
WCVI	232	Forbes Is	078	2004	03	02	5	0	100	90	100	100
WCVI	232	Food Islets	079	2004	02	25	5	0	100	93	100	100
WCVI	232	Shears Is	268	2004	03	06	5	0	100	95	100	100
WCVI	232	Forbes Is	269	2004	03	04	5	0	100	95	100	100
WCVI	239	Cabbage Patch +	027	2004	03	09	5	0	100	91	100	100
WCVI	243	Young Bay	006	2004	03	10	5	0	100	90	100	100
WCVI	243	Adventure Pt	011	2004	03	09	5	0	100	88	100	100
WCVI	243	Starling Pt	017	2004	03	09	5	0	100	90	100	100
WCVI	243	Young Bay	036	2004	02	01	5	0	100	94	100	100
WCVI	243	Sydney Inlt	037	2004	03	17	5	0	100	97	100	100
WCVI	243	Dixon Pt	053	2004	03	15	5	0	100	47	100	100
WCVI	243	Adventure Pt	060	2004	03	02	5	0	100	97	100	100
WCVI	243	Stewardson Inlt	077	2004	02	27	5	0	100	92	100	100
WCVI	252	Friendly Cv	009	2004	03	11	5	0	100	87	100	100
WCVI	252	Discovery Pt	161	2004	02	28	5	0	100	97	100	99
WCVI	252	Saavedra Is	166	2004	03	02	5	0	100	91	100	100
WCVI	252	Discovery Pt	168	2004	03	08	5	0	100	89	100	100
WCVI	253	Garden Pt	001	2004	03	12	5	0	100	94	100	100
WCVI	253	Rosa Hrbr	008	2004	03	14	5	0	100	93	100	100
WCVI	253	Owossitsa Cr	010	2004	03	15	5	0	100	92	100	100
WCVI	253	Centre Is	012	2004	03	13	5	0	100	90	100	100
WCVI	253	Rosa Is	130	2004	03	04	5	0	100	92	100	100
WCVI	253	Rosa Hrbr	131	2004	03	14	5	0	100	98	100	100
WCVI	253	Centre Is	132	2004	03	01	5	0	100	94	100	100
WCVI	253	Rosa Hrbr	152	2004	03	10	5	0	100	97	100	100
WCVI	253	Rosa Is	156	2004	03	10	5	0	100	91	100	100
WCVI	253	Owossitsa Cr	157	2004	03	11	5	0	100	90	100	100
WCVI	253	Esperanza Inlt	164	2004	03	04	5	0	100	94	100	100
WCVI	253	Garden Pt	167	2004	03	11	5	0	100	88	100	100
WCVI	253	Double Is	169	2004	03	12	5	0	100	96	100	100
WCVI	253	Rosa Hrbr	181	2004	03	15	5	0	100	100	100	100
WCVI	253	Centre Is	187	2004	02	27	5	0	100	93	100	100
WCVI	253	Rosa Is	196	2004	03	04	5	0	100	96	100	100
WCVI	253	Centre Is	197	2004	03	04	5	0	100	87	100	100
WCVI	253	Rosa Hrbr	199	2004	03	08	5	0	100	91	100	100
WCVI	253	Double Is	202	2004	03	07	5	0	100	94	100	100
WCVI	253	Garden Pt	220	2004	03	12	5	0	100	98	100	100
WCVI	253	Rosa Is	221	2004	03	09	5	0	100	94	100	100
WCVI	253	Rosa Hrbr	223	2004	03	02	5	0	100	92	100	100

Table 3a. (cont'd).

SAR	Section	Location	Sample	Year	Month	Day	Source	Presrv	No. of Fish Sampled	Aged	Lengths	Weights
WCVI	253	Rosa Hrbr	258	2004	03	14	0	0	100	80	100	100
WCVI	253	Rosa Is	259	2004	03	15	0	0	100	83	100	100
WCVI	253	Centre Is	262	2004	03	15	0	0	100	88	100	100
WCVI	253	Rosa Is	263	2004	03	14	0	0	100	85	100	100
WCVI	253	Centre Is	264	2004	03	14	0	0	100	90	100	100
WCVI	253	Rosa Is	281	2004	03	13	5	0	100	97	100	100
WCVI Total									6100	5544	6100	6099
27	271	Gillam Is	136	2004	03	04	5	0	100	97	100	100
27	271	Gillam Is	137	2004	03	01	5	0	100	99	100	100
27	272	Klaskish Inlt	089	2004	03	02	5	0	100	95	100	100
27	272	Klaskish Inlt	133	2004	03	09	5	0	100	95	100	100
27 Total									400	386	400	400
2W	002	Port Louis	178	2004	03	11	5	0	100	94	100	100
2W	002	Port Chanal	205	2004	03	29	5	0	100	93	100	100
2W	002	Port Louis	207	2004	03	12	5	0	100	96	100	100
2W	003	Kano Inlt	171	2004	03	15	5	0	100	97	100	99
2W	003	Shields Bay	174	2004	03	25	5	0	100	95	100	100
2W	003	Kano Inlt	198	2004	03	23	5	0	100	99	100	100
2W	003	Kano Inlt	206	2004	03	10	5	0	100	95	100	100
2W	004	Dawson Hrbr	175	2004	03	30	5	0	100	97	100	100
2W	005	Security Inlt	179	2004	04	01	5	0	100	91	100	100
2W Total									900	857	900	899
Other	092	Goose Bay	101	2004	03	02	5	0	100	93	100	100
Other	092	Goose Bay	159	2004	03	17	5	0	100	99	100	100
Other	102	Takush Hrbr	122	2004	03	02	5	0	100	96	100	100
Other Total									300	288	300	300

Table 3b. Gillnet biological sampling information by Stock Assessment Region (SAR), herring section and location for the 2003 – 2004 season.

SAR	Section	Location	Sample	Year	Mon	Day	Source	Preserv	No. of Fish Sampled	Aged	Lengths	Weights
PR	042	Duncan Bay	227	2004	03	24	0	0	100	83	100	100
PR	042	Tree Bluff	228	2004	03	19	0	0	100	84	100	100
PR	042	Simpson Pt	229	2004	03	22	0	0	100	87	100	100
PR	042	Duncan Bay	230	2004	03	25	0	0	100	86	100	100
PR	042	Duncan Bay	233	2004	03	23	0	0	100	84	100	100
PR	042	Simpson Pt	236	2004	03	20	0	0	100	81	100	100
PR	042	Duncan Bay	237	2004	03	24	0	0	100	84	100	100
PR	042	Duncan Bay	239	2004	03	22	0	0	100	90	100	100
PR	042	Tree Bluff	240	2004	03	21	0	0	100	83	100	100
PR	042	Tree Bluff	242	2004	03	20	0	0	100	87	100	100
PR	042	Reeks Pt	249	2004	03	24	0	0	100	89	100	100
PR	042	Ryan Pt	250	2004	03	21	0	0	100	88	100	100
PR	042	Trenham Pt	251	2004	03	19	0	0	100	91	100	100
PR Total									1300	1117	1300	1300
GS	142	Komas Bluff	81	2004	03	10	0	0	100	93	100	100
GS	142	Denman Is E	90	2004	03	11	0	0	100	78	100	100
GS	142	Denman Is E	91	2004	03	11	0	0	100	77	100	100
GS	172	Hammond Bay	80	2004	03	12	0	0	100	66	100	100
GS	172	Hammond Bay	82	2004	03	12	0	0	100	74	100	100
GS	172	Departure Bay	86	2004	03	13	0	0	100	77	100	100
GS	172	Nanaimo	94	2004	03	13	0	0	100	76	100	100
GS	172	Five Finger Is	95	2004	03	10	0	0	100	66	100	100
GS	172	Nanoose Bay Entr	97	2004	03	10	0	0	100	77	100	100
GS	172	Newcastle Is E	98	2004	03	13	0	0	100	79	100	100
GS	172	Nanoose Bay	99	2004	03	11	0	0	100	72	100	100
GS	173	Porlier Pass	87	2004	03	28	0	0	100	62	100	100
GS	173	Porlier Pass	88	2004	03	29	0	0	100	76	100	100
GS	173	Yellow Pt	92	2004	03	23	0	0	100	60	100	100
GS	173	Dodd Nrws S	93	2004	03	20	0	0	100	84	100	100
GS	173	Hall Is	96	2004	03	24	0	0	100	68	100	100
GS Total									1600	1185	1600	1600
WCVI	253	Nuchatlitz Inlt	231	2004	03	17	0	0	100	72	100	100
WCVI	253	Nuchatlitz Inlt	241	2004	03	17	0	0	100	70	100	100
WCVI	253	Nuchatlitz Inlt	243	2004	03	16	0	0	100	58	100	100
WCVI	253	Nuchatlitz Inlt	244	2004	03	17	0	0	100	66	100	100
WCVI	253	Nuchatlitz Inlt	252	2004	03	16	0	0	100	67	100	100
WCVI	253	Nuchatlitz Inlt	254	2004	03	14	0	0	100	71	100	100
WCVI	253	Nuchatlitz Inlt	255	2004	03	15	0	0	100	66	100	100
WCVI	253	Nuchatlitz Village	256	2004	03	15	0	0	100	80	100	100
WCVI	253	Nuchatlitz Inlt	257	2004	03	15	0	0	100	81	100	100
WCVI Total									900	631	900	900

Table 3c. Tagging biological sampling information by Stock Assessment Region (SAR), herring section and location for the 2003 – 2004 season.

SAR	Section	Location	Sample	Year	Mon	Day	Source	Presrv	No. of Fish Sampled	Aged	Lengths	Weights
PR	052	Kitkatla Cr	215	2004	03	17	2	0	100	94	100	100
PR Total									100	94	100	100
CC	067	Parsons Anch	193	2004	03	24	2	0	100	97	100	100
CC	067	Parsons Anch	204	2004	03	24	2	0	100	96	100	100
CC	067	Parsons Anch	216	2004	03	25	2	0	100	98	100	100
CC	072	Berry Inlt	162	2004	03	25	2	0	100	0	100	100
CC	072	Berry Inlt	165	2004	03	26	2	0	100	0	100	100
CC	072	Tankeeah River	188	2004	03	27	2	0	100	0	100	100
CC	072	Tankeeah River	201	2004	03	28	2	0	100	91	100	100
CC	074	Dundivan Inlt	185	2004	03	27	2	0	100	98	100	100
CC	077	Higgins Lagoon	183	2004	03	30	2	0	100	93	100	100
CC	085	Pruth Bay	180	2004	03	21	2	0	100	98	100	100
CC	085	Fairmile Pass	182	2004	03	22	2	0	100	95	100	100
CC	085	Fairmile Pass	194	2004	03	21	2	0	100	97	100	100
CC Total									1200	863	1200	1200
WC	232	St Ines Is	139	2004	03	07	2	0	100	97	100	100
WC	232	Lyall Pt	158	2004	03	06	2	0	100	88	100	100
WC	232	Spilling Islet	184	2004	03	04	2	0	100	83	100	100
WC	243	Shelter Inlt	195	2004	03	11	2	0	100	94	100	100
WC	243	Steamer Cv	219	2004	03	10	2	0	100	89	100	100
WC	253	Rosa Hrbr	155	2004	03	15	2	0	100	95	100	100
WC	253	Rosa Hrbr	160	2004	03	16	2	0	100	95	100	100
WC	253	Rosa Hrbr	173	2004	03	17	2	0	100	92	100	100
WC	253	Rosa Hrbr	190	2004	03	17	2	0	100	97	100	100
WCVI Total									900	830	900	900
Other	092	Goose Bay	163	2004	03	31	2	0	100	96	100	100
Other	261	Kyuquot Chnl	186	2004	03	13	2	0	100	94	100	100
Other	262	Amos Is	153	2004	03	13	2	0	100	91	100	100
Other Total									300	281	300	300

Table 4. Test fishing vessels chartered during the 2004 season, areas and dates of operation and samples processed.

REGION	VESSEL	STAT AREAS	DURATION	# SAMPLES PROCESSED
QUEEN CHARLOTTE ISLANDS	Queens Reach	2E, 2W	Feb 24 - Mar 22	11
	Ocean Horizon	2E, 2W	Mar 10 - Apr 06	9
	Haida Provider*	2E, 2W	Mar 15 - Apr 25	–
QCI TOTAL				20
PRINCE RUPERT DISTRICT	Western Warrior	3, 4, 5	Mar 10 - Apr 04	10
	Pacific Skye	5	Mar 10 - Apr 04	10
	Royal Pride*	3, 4, 5	Mar 09 - Apr 17	–
PRD TOTAL				20
CENTRAL COAST	Ocean Venture	6, 7, 8, 9	Mar 10 - Mar 23	9
	Christav	6, 7	Mar 09 - Apr 12	12
	Kynoc	7, 8, 9, 10	Mar 02 - Mar 31	18
	Pachena No.1*	6, 7, 8, 9, 10	Mar 14 - Apr 12	–
	Lasqueti Star**	7	Mar 09 –Mar 29	–
	Ocean Marauder^	6, 7, 8	Mar 21 - Mar 30	13
CC TOTAL				52
STRAIT OF GEORGIA	Savage Fisher	14, 15, 17, 19	Feb 23 - Mar 19	17
	Royal Mariner	14, 19	Feb 25 - Mar 21	17
	Ocean Venture	9, 10, 14, 17, 19	Feb 25 - Mar 09	13
	Angela Lynn	14	Feb 27 - Mar 10	5
	Bernice C	13, 14, 17, 18, 19	Feb 29 – Mar 10	7
	Thunder No. 1*	13, 14, 17, 18, 19	Mar 04 - Apr 04	–
	Silver Viking*	14	Mar 04 - Apr 04	–
	Avalon** S	14	Feb 25 - Mar 16	–
	Kristen Joye**G	12	Feb 28 - Mar 29	–
	Port Lincoln***	13	Mar 01 - Mar 31	–
	Discovery Huntress***	14	Mar 01 - Mar 31	–
SG TOTAL				59
WEST COAST VANCOUVER ISLAND	Viking Pride	23	Feb 23 - Mar 19	23
	Royal Viking	24, 25	Feb 27 - Apr 01	12
	Viking Joy	25	Feb 27 - Apr 01	21
	Nita Maria	27	Feb 29 - Mar 13	4
	Free to Wander**s	23, 25	Mar 01 - Mar 21	–
	Ocean Marauder^	23, 24, 25	Mar 03 - Mar 20	11
WCVI TOTAL				71
TOTAL				222

* - Gillnet test and/or spawn assessment - no samples collected.
** - Management platform (S -seine, G - gillnet) - no samples collected.
*** - Charter patrol and spawn survey - no samples collected.
^ - Tagging platform.

Table 5. Estimated age composition for 2004 charter, seine and gillnet roe fishery samples.

				PERCENT AT AGE										NUMBER
	SECTION	SOURCE	GEAR	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	AGED
002	PORT LOUIS	5	29	0	4	11	72	7	2	2	1	0	1	283
003	RENNELL SOUND	5	29	0	6	11	73	8	1	1	0	0	0	386
004	CARTWRIGHT SOUND	5	29	0	87	2	10	1	0	0	0	0	0	97
005	ENGLEFIELD BAY	5	29	0	24	1	65	7	2	1	0	0	0	91
006	LOUSCOONE INLET	5	29	0	80	10	6	4	0	0	0	0	0	94
021	JUAN PEREZ SOUND	5	29	0	46	6	37	6	3	1	1	0	0	472
024	SELWYN INLET	5	29	0	8	1	54	17	10	7	1	0	2	90
025	SKINCUTTLE INLET	5	29	0	25	2	56	8	3	3	2	1	0	373
033	PORT SIMPSON	5	29	0	1	4	72	12	9	2	0	0	0	87
042	AREA 4 NORTH	0	19	0	0	0	22	13	37	15	5	5	3	1117
042	AREA 4 NORTH	5	29	0	1	3	64	16	11	3	1	1	0	284
052	KITKATLA INLET	0	29	0	0	2	71	12	8	5	1	1	0	572
052	KITKATLA INLET	5	29	0	1	2	69	10	11	5	1	1	0	1492
067	KITASU BAY	5	29	0	3	4	57	17	3	8	4	3	1	565
072	POWELL ANCHORAGE	0	29	0	0	5	68	14	2	6	3	1	1	359
072	POWELL ANCHORAGE	5	29	0	2	6	63	18	4	3	1	2	1	769
074	THOMPSON BAY	0	29	0	0	7	70	12	0	3	4	4	0	96
074	THOMPSON BAY	5	29	0	1	8	70	13	2	3	2	1	0	772
076	KILDIDT SOUND	5	29	0	0	7	49	20	8	8	5	2	1	96
077	MILBANKE SOUND	5	29	0	2	6	58	19	5	4	1	4	1	470
078	DON PENINSULA	5	29	0	1	7	74	10	1	1	3	1	2	94
085	KWAKSHUA CHANNEL	5	29	0	1	12	54	21	4	5	2	1	0	376
092	RIVERS INLET MOUTH	5	29	0	2	14	63	15	2	2	1	1	0	192
102	TAKUSH HARBOUR	5	29	0	6	21	55	13	2	2	1	0	0	96
132	DEEPWATER BAY	5	29	86	14	0	0	0	0	0	0	0	0	57
141	OTHER AREA 14	5	29	0	2	26	49	14	5	3	1	0	0	194
142	BAYNES SOUND	0	19	0	0	1	22	38	28	8	2	1	0	248
142	BAYNES SOUND	5	29	0	3	27	43	20	5	2	0	0	0	1896
143	QUALICUM	5	29	0	8	29	35	19	6	2	1	0	0	565
152	POWELL RIVER	5	29	0	64	28	5	3	0	0	0	0	0	94
172	NANOOSE BAY	0	19	0	0	2	20	36	24	13	3	2	0	587
172	NANOOSE BAY	0	29	0	2	24	43	22	6	2	1	0	0	636
172	NANOOSE BAY	5	29	0	3	25	38	25	7	2	0	0	0	269
173	YELLOW POINT	0	19	0	0	4	30	41	18	6	1	0	0	350
173	YELLOW POINT	5	29	0	25	30	26	15	3	1	0	0	0	639
181	SWANSON CHANNEL	5	29	33	16	17	21	10	2	1	0	0	0	164
191	SAANICH INLET	5	29	0	6	29	37	23	4	1	0	0	0	283
232	MACOAH PASS	5	29	0	16	31	34	15	3	1	0	0	0	1817
239	OFFSHORE AREA 23	5	29	0	25	32	28	13	2	0	0	0	0	91
243	SYDNEY INLET	5	29	0	7	43	39	9	2	0	0	0	0	695
252	NOOTKA SOUND	5	29	0	4	27	47	16	4	1	1	0	0	364
253	ESPERANZA INLET	0	19	0	0	1	28	24	25	15	4	2	1	631
253	ESPERANZA INLET	0	29	0	1	6	51	31	8	2	0	1	0	426
253	ESPERANZA INLET	5	29	0	1	14	53	22	8	2	0	0	0	2151
271	GILLAM ISLANDS	5	29	0	1	16	52	26	1	3	1	0	0	196
272	BROOKS BAY	5	29	0	2	27	56	13	1	1	0	0	0	190

Table 6. Summary of 2004 roe herring fisheries and landings (Tons).

AREA	LICENCES	QUOTA	CATCH	% TOTAL CATCH	FISHERY	DURATION (Hours)
WCVI - SN	52	3,500	3,689	15.2%	Open 1100 Mar 14 to 1609 Mar 15 in 25-13	29.2
WCVI - GN	113	1,200	654	2.7%	Open 1300 Mar 14 to 1500 Mar 19 in 25-13	122.0
GULF - SN	119	8,700	7,737	31.9%	Open 1247 to 1925 Mar 10 in 17-18 and 17-19	42.7
					Open 0920 to 1915 Mar 11 in 17-18 and 17-19	
					Open 0505 Mar 12 in 17-18 and 17-19, extended 1330 Mar 12 to inc. 17-12 to 17-15 and 17-21, closed 2021 Mar 12	
					Open 0605 to 1601 Mar 13 in 17-12 to 17-19	
GULF - GN	926	9,055	5,636	23.3%	Open 0800 Mar 10 in 14-1 to 14-13, 14-15, 17-10, 17-12, 17-13, 17-18, 17-19 and 17-21	342.0
					Open 2000 Mar 12 in 17-14 to 17-16	
					Open 1600 Mar 14 in 17-1 to 17-10, 17-15 to 17-17 and all area 18	
					Closed 1000 Mar 15 all area 14, 17-12 to 17-14, 17-18, 17-19 and 17-21	
					Closed 1800 Mar 15 in 17-1 to 17-10, 17-15 to 17-17 and all area 18	
					Open 2000 Mar 20 to 1600 Mar 29 in 17-1 to 17-10, 17-15 to 17-17 and all area 18	
C. COAST - SN	43	2,500	2,559	10.6%	Open 0800 Mar 24 to 0700 Mar 25 in 7-13 and Ptn 7-8, and 7-12	23.0
N. COAST - SN	22	1,500	1,646	6.8%	Open 1335 to 2200 Mar 27 in 5-4, 5-5 and Ptn 5-6	17.3
					Open 0735 to 1630 Mar 29 in 5-4, 5-5 and Ptn 5-6	
N. COAST - GN	282	3,000	2,330	9.6%	Open 2000 Mar 19 to 1800 Mar 25 in 4-5 to 4-9 and 4-14	142.0
TOTAL - SN	236	16,200	15,631	64%	Seine Total	112
TOTAL - GN	1,321	13,255	8,620	36%	Gillnet Total	606
TOTAL		29,455	24,251	100.0%	Total	718.2

Table 7. Biological samples collected in the 2003/04 season by statistical area and source.

Area	Test Fishery	Roe fishery		Research	SOK	Bait	Food	Area Total
		Seine	Gillnet	Inshore				
2W	10							10
2E	10				02			12
3	01							01
4	03		13					16
5	16	06			01			23
6	06			01				07
7	29	08		05				42
8	04			02				06
9	02			02				04
10	01							01
13	01							01
14	42		03			01	06	52
15	01							01
17	10	07	13				04	34
18	02						01	03
19	03							03
23	21			03				24
24	08			02				10
25	27	05	09	04				45
26				02				02
27	04							04
Fishery Total	201	26	38	21	3	1	11	301

Table 8. Food and Bait fishery sample summaries by section.

Section: 143 - QUALICUM
Samples: -7, -6, -5, -4, -3, 290, 291

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	66	175	206	66	16	5	0	0	0	166	700
Percent at Age	0.0	12.4	32.8	38.6	12.4	3.0	0.9	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	146.9	174.4	185.9	194.7	195.8	209.2	0.0	0.0	0.0	171.6	177.2
Std Dev Length (mm)	0.0	12.2	13.1	11.6	10.6	9.8	7.0	0.0	0.0	0.0	19.5	19.0
Mean Weight (gm)	0.0	43.8	74.0	87.3	100.6	101.8	123.2	0.0	0.0	0.0	70.5	77.7
Std Dev Weight (gm)	0.0	11.9	18.3	16.4	15.8	15.4	16.3	0.0	0.0	0.0	23.5	23.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	8	53	215	419	5	0	0	0	0	700
Percent at Stage	1.1	7.6	30.7	59.9	0.7	0.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	274	0	0	274		386	274	40	700
Percent at Maturity	100.0	0.0	0.0	100.0		55.1	39.1	5.7	100.0
Mean Weight (gm)	84.4	0.0	0.0	84.4		76.9	84.4	39.9	77.7
Pct Sample Weight	42.5	0.0	0.0	43.0		54.6	42.5	2.9	101.0

Section: 172 - NANOOSE BAY
Samples: -1, 292, 293, 294

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	13	98	150	68	9	4	0	1	0	57	400
Percent at Age	0.0	3.8	28.6	43.7	19.8	2.6	1.2	0.0	0.3	0.0	0.0	100.0
Mean Length (mm)	0.0	163.6	182.3	190.8	197.7	205.2	209.0	0.0	218.0	0.0	180.7	188.1
Std Dev Length (mm)	0.0	8.6	11.2	9.9	7.9	7.5	9.5	0.0	0.0	0.0	20.5	14.4
Mean Weight (gm)	0.0	60.0	79.3	91.3	101.3	112.2	117.0	0.0	128.0	0.0	79.5	88.2
Std Dev Weight (gm)	0.0	9.3	15.0	15.1	15.2	12.6	24.3	0.0	0.0	0.0	25.4	19.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	5	154	241	0	0	0	0	0	400
Percent at Stage	0.0	1.3	38.5	60.3	0.0	0.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	190	0	0	190		209	190	1	400
Percent at Maturity	100.0	0.0	0.0	100.0		52.3	47.5	0.3	100.0
Mean Weight (gm)	92.8	0.0	0.0	92.8		84.1	92.8	59.0	88.2
Pct Sample Weight	50.0	0.0	0.0	50.0		49.9	50.0	0.2	100.0

Table 8. (cont'd).

Section: 181 - SWANSON CHANNEL
Samples: -2

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	1	15	46	19	5	0	0	0	0	14	100
Percent at Age	0.0	1.2	17.4	53.5	22.1	5.8	0.0	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	145.0	175.9	187.8	193.7	203.0	0.0	0.0	0.0	0.0	181.0	186.5
Std Dev Length (mm)	0.0	0.0	15.0	9.5	9.8	4.5	0.0	0.0	0.0	0.0	9.6	12.9
Mean Weight (gm)	0.0	46.0	78.7	96.9	106.1	119.0	0.0	0.0	0.0	0.0	87.6	95.2
Std Dev Weight (gm)	0.0	0.0	18.7	13.8	16.6	14.3	0.0	0.0	0.0	0.0	18.8	19.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	6	66	27	0	0	0	0	0	100
Percent at Stage	1.0	6.0	66.0	27.0	0.0	0.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	49	0	0	49		49	49	2	100
Percent at Maturity	100.0	0.0	0.0	100.0		49.0	49.0	2.0	100.0
Mean Weight (gm)	101.9	0.0	0.0	101.9		90.4	101.9	49.0	95.2
Pct Sample Weight	52.5	0.0	0.0	52.0		46.5	52.5	1.0	100.0

Table 9. Seine roe fishery sample summaries by section.

Section: 052 - KITKATLA INLET
Samples: 225, 232, 238, 245, 247, 253

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	1	12	406	67	48	26	3	8	0	28	600
Percent at Age	0.0	0.2	2.1	71.0	11.7	8.4	4.5	0.5	1.4	0.0	0.0	99.8
Mean Length (mm)	0.0	162.0	172.0	186.5	193.9	200.6	210.2	220.3	223.9	0.0	193.2	190.2
Std Dev Length (mm)	0.0	0.0	11.8	9.1	9.8	7.3	10.2	8.4	12.9	0.0	11.7	12.4
Mean Weight (gm)	0.0	52.0	70.3	91.5	103.4	117.4	131.5	148.3	154.0	0.0	103.8	98.0
Std Dev Weight (gm)	0.0	0.0	20.2	16.7	19.0	17.8	18.8	13.3	24.3	0.0	23.9	22.4

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	0	4	10	368	172	43	2	0	600
Percent at Stage	0.2	0.0	0.7	1.7	61.3	28.7	7.2	0.3	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	4	283	4	291		308	291	1	600
Percent at Maturity	1.4	97.3	1.4	100.0		51.3	48.5	0.2	100.0
Mean Weight (gm)	82.5	105.1	86.0	104.5		91.8	104.5	0.0	98.0
Pct Sample Weight	0.6	50.7	0.6	53.0		48.2	51.8	0.0	100.0

Section: 072 - POWELL ANCHORAGE
Samples: 83, 143, 234, 235, 246, 248

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	1	19	243	52	7	21	10	4	2	241	600
Percent at Age	0.0	0.3	5.3	67.7	14.5	1.9	5.8	2.8	1.1	0.6	0.0	100.0
Mean Length (mm)	0.0	169.0	168.3	185.9	187.5	199.7	203.9	211.3	218.8	205.5	187.5	187.6
Std Dev Length (mm)	0.0	0.0	11.2	9.9	10.6	7.7	11.3	7.5	10.0	0.7	14.7	13.7
Mean Weight (gm)	0.0	55.0	69.7	93.5	97.0	107.0	129.8	146.4	151.5	145.5	96.2	96.9
Std Dev Weight (gm)	0.0	0.0	16.5	15.7	16.4	11.6	22.6	19.1	25.9	3.5	23.5	22.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	2	407	185	5	1	0	600
Percent at Stage	0.0	0.0	0.0	0.3	67.8	30.8	0.8	0.2	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	2	296	3	301		298	301	1	600
Percent at Maturity	0.7	98.3	1.0	100.0		49.7	50.2	0.2	100.0
Mean Weight (gm)	73.5	101.8	92.3	101.5		92.4	101.5	59.0	96.9
Pct Sample Weight	0.3	51.8	0.5	52.0		47.4	52.5	0.1	100.0

Table 9. (cont'd).

Section: 074 - THOMPSON BAY
Samples: 149, 214

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	7	67	11	0	3	4	4	0	104	200
Percent at Age	0.0	0.0	7.3	69.8	11.5	0.0	3.1	4.2	4.2	0.0	0.0	100.0
Mean Length (mm)	0.0	0.0	169.4	188.8	194.8	0.0	214.7	208.3	223.0	0.0	183.6	187.2
Std Dev Length (mm)	0.0	0.0	10.0	8.8	8.3	0.0	12.1	10.1	3.6	0.0	12.6	13.6
Mean Weight (gm)	0.0	0.0	66.6	100.3	105.0	0.0	150.3	136.5	162.0	0.0	92.1	97.9
Std Dev Weight (gm)	0.0	0.0	15.3	16.4	17.2	0.0	23.1	16.4	15.7	0.0	20.7	23.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	1	147	51	0	1	0	200
Percent at Stage	0.0	0.0	0.0	0.5	73.5	25.5	0.0	0.5	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	1	112	1	114		86	114	0	200
Percent at Maturity	0.9	98.2	0.9	100.0		43.0	57.0	0.0	100.0
Mean Weight (gm)	107.0	100.6	64.0	100.3		94.6	100.3	0.0	97.9
Pct Sample Weight	0.5	57.6	0.3	59.0		41.6	58.4	0.0	100.0

Section: 172 - NANOOSE BAY
Samples: 85, 140, 141, 142, 146, 147, 148

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	14	155	271	140	40	10	5	1	0	64	700
Percent at Age	0.0	2.2	24.4	42.6	22.0	6.3	1.6	0.8	0.2	0.0	0.0	100.0
Mean Length (mm)	0.0	163.5	177.9	191.7	195.9	205.3	202.3	211.0	231.0	0.0	180.3	189.0
Std Dev Length (mm)	0.0	10.8	11.7	10.7	10.5	7.0	8.7	8.7	0.0	0.0	16.7	14.5
Mean Weight (gm)	0.0	53.7	74.2	90.9	97.8	111.9	101.4	129.6	152.0	0.0	78.2	88.4
Std Dev Weight (gm)	0.0	10.6	16.0	16.4	17.2	14.9	12.0	18.2	0.0	0.0	20.4	20.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	6	0	494	164	35	1	0	700
Percent at Stage	0.0	0.0	0.9	0.0	70.6	23.4	5.0	0.1	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	5	302	11	318		382	318	0	700
Percent at Maturity	1.6	95.0	3.5	100.0		54.6	45.4	0.0	100.0
Mean Weight (gm)	63.4	94.6	77.9	93.5		84.1	93.5	0.0	88.4
Pct Sample Weight	0.5	46.2	1.4	48.0		51.9	48.1	0.0	100.0

Table 9. (cont'd).

Section: 253 - ESPERANZA INLET
Samples: 258, 259, 262, 263, 264

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	2	27	216	134	33	9	2	3	0	74	500
Percent at Age	0.0	0.5	6.3	50.7	31.5	7.7	2.1	0.5	0.7	0.0	0.0	100.0
Mean Length (mm)	0.0	159.5	183.7	196.6	200.3	205.7	210.9	210.0	227.7	0.0	196.3	197.8
Std Dev Length (mm)	0.0	31.8	9.3	7.7	8.5	6.9	7.0	11.3	11.2	0.0	11.0	10.3
Mean Weight (gm)	0.0	43.0	84.1	104.0	110.9	120.8	132.9	139.0	172.0	0.0	105.1	106.9
Std Dev Weight (gm)	0.0	18.4	15.6	15.6	16.9	16.7	12.9	25.5	16.1	0.0	21.6	19.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	1	3	309	174	13	0	0	500
Percent at Stage	0.0	0.0	0.2	0.6	61.8	34.8	2.6	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total
No. at Maturity	4	248	1	253
Percent at Maturity	1.6	98.0	0.4	100.0
Mean Weight (gm)	81.5	114.3	74.0	113.6
Pct Sample Weight	0.6	53.1	0.1	54.0

SEX RATIO	Male	Female	Immat	Total
	247	253	0	500
	49.4	50.6	0.0	100.0
	99.9	113.6	0.0	106.9
	46.2	53.8	0.0	100.0

Table 10. Gillnet roe fishery sample summaries by section.

Section: 042 - AREA 4 NORTH
Samples: 227, 228, 229, 230, 233, 236, 237, 239, 240, 242, 249, 250, 251

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	1	244	151	412	172	55	53	17	183	1300
Percent at Age	0.0	0.0	0.1	21.8	13.5	36.9	15.4	4.9	4.7	1.5	0.0	99.1
Mean Length (mm)	0.0	0.0	199.0	202.1	208.5	211.2	215.5	216.9	223.0	227.7	210.2	210.7
Std Dev Length (mm)	0.0	0.0	0.0	8.3	8.9	8.7	9.4	9.1	10.0	9.5	10.1	10.6
Mean Weight (gm)	0.0	0.0	110.0	120.3	130.0	133.9	144.7	142.9	157.1	166.8	132.6	134.2
Std Dev Weight (gm)	0.0	0.0	0.0	16.6	19.8	18.4	21.8	20.7	29.9	20.4	20.2	22.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	3	911	370	16	0	0	1300
Percent at Stage	0.0	0.0	0.0	0.2	70.1	28.5	1.2	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	3	813	10	826		474	826	0	1300
Percent at Maturity	0.4	98.4	1.2	100.0		36.5	63.5	0.0	100.0
Mean Weight (gm)	127.3	135.3	120.0	135.1		132.7	135.1	0.0	134.2
Pct Sample Weight	0.2	63.0	0.7	64.0		36.0	64.0	0.0	100.0

Section: 142 - BAYNES SOUND
Samples: 81, 90, 91

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	2	56	94	70	20	4	2	0	52	300
Percent at Age	0.0	0.0	0.8	22.6	37.9	28.2	8.1	1.6	0.8	0.0	0.0	100.0
Mean Length (mm)	0.0	0.0	188.5	202.8	205.8	209.2	210.5	214.0	213.0	0.0	204.0	206.1
Std Dev Length (mm)	0.0	0.0	0.7	5.5	6.4	7.2	7.0	11.4	4.2	0.0	14.0	8.8
Mean Weight (gm)	0.0	0.0	92.5	118.9	121.2	127.8	130.6	124.3	132.5	0.0	121.0	122.8
Std Dev Weight (gm)	0.0	0.0	2.1	11.0	10.1	9.9	15.0	12.5	17.7	0.0	18.4	13.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	0	223	76	1	0	0	300
Percent at Stage	0.0	0.0	0.0	0.0	74.3	25.3	0.3	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	0	184	0	184		116	184	0	300
Percent at Maturity	0.0	100.0	0.0	100.0		38.7	61.3	0.0	100.0
Mean Weight (gm)	0.0	124.3	0.0	124.3		120.6	124.3	0.0	122.8
Pct Sample Weight	0.0	62.0	0.0	62.0		38.0	62.0	0.0	100.0

Table 10. (cont'd).

Section: 172 - NANOOSE BAY
Samples: 80, 82, 86, 94, 95, 97, 98, 99

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	9	119	214	143	75	16	10	1	213	800
Percent at Age	0.0	0.0	1.5	20.3	36.5	24.4	12.8	2.7	1.7	0.2	0.0	100.0
Mean Length (mm)	0.0	0.0	197.1	203.9	207.1	209.6	212.1	211.6	215.6	213.0	207.7	207.8
Std Dev Length (mm)	0.0	0.0	7.0	6.9	6.9	7.2	6.5	10.3	8.9	0.0	8.2	7.8
Mean Weight (gm)	0.0	0.0	107.2	120.6	125.6	129.9	132.7	137.8	142.2	135.0	127.3	127.0
Std Dev Weight (gm)	0.0	0.0	8.7	10.3	11.4	12.5	13.1	18.0	28.2	0.0	13.0	13.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	1	608	188	3	0	0	800
Percent at Stage	0.0	0.0	0.0	0.1	76.0	23.5	0.4	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	1	533	1	535		265	535	0	800
Percent at Maturity	0.2	99.6	0.2	100.0		33.1	66.9	0.0	100.0
Mean Weight (gm)	115.0	128.5	102.0	128.4		124.1	128.4	0.0	127.0
Pct Sample Weight	0.1	67.4	0.1	67.0		32.4	67.6	0.0	100.0

Section: 173 - YELLOW POINT
Samples: 87, 88, 92, 93, 96

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	14	103	143	63	21	5	1	0	150	500
Percent at Age	0.0	0.0	4.0	29.4	40.9	18.0	6.0	1.4	0.3	0.0	0.0	100.0
Mean Length (mm)	0.0	0.0	197.1	202.0	206.2	209.5	215.7	222.4	212.0	0.0	204.7	205.6
Std Dev Length (mm)	0.0	0.0	6.8	7.4	6.5	7.1	10.1	12.6	0.0	0.0	8.0	8.3
Mean Weight (gm)	0.0	0.0	102.6	110.4	117.1	121.0	132.5	129.8	126.0	0.0	115.0	116.0
Std Dev Weight (gm)	0.0	0.0	12.7	12.6	10.7	10.7	21.7	22.0	0.0	0.0	11.5	13.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	0	340	152	8	0	0	500
Percent at Stage	0.0	0.0	0.0	0.0	68.0	30.4	1.6	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	0	327	5	332		168	332	0	500
Percent at Maturity	0.0	98.5	1.5	100.0		33.6	66.4	0.0	100.0
Mean Weight (gm)	0.0	117.2	102.0	117.0		114.0	117.0	0.0	116.0
Pct Sample Weight	0.0	66.1	0.9	67.0		33.0	67.0	0.0	100.0

Table 10. (cont'd).

Section: 253 - ESPERANZA INLET
Samples: 231, 241, 243, 244, 252, 254, 255, 256, 257

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	5	179	154	158	92	24	14	5	269	900
Percent at Age	0.0	0.0	0.8	28.4	24.4	25.0	14.6	3.8	2.2	0.8	0.0	100.0
Mean Length (mm)	0.0	0.0	198.2	206.1	209.6	215.5	219.5	221.8	225.6	224.2	212.1	212.3
Std Dev Length (mm)	0.0	0.0	9.4	5.9	6.6	7.3	7.0	7.1	7.3	14.9	9.1	8.9
Mean Weight (gm)	0.0	0.0	117.2	129.3	133.5	140.5	148.0	149.4	154.9	147.0	138.4	137.6
Std Dev Weight (gm)	0.0	0.0	11.0	10.0	11.8	13.5	16.5	15.5	17.7	25.6	16.3	15.4

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	1	1	791	92	15	0	0	900
Percent at Stage	0.0	0.0	0.1	0.1	87.9	10.2	1.7	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	1	696	5	702		198	702	0	900
Percent at Maturity	0.1	99.1	0.7	100.0		22.0	78.0	0.0	100.0
Mean Weight (gm)	149.0	139.0	114.0	138.9		132.9	138.9	0.0	137.6
Pct Sample Weight	0.1	78.2	0.5	78.0		21.3	78.7	0.0	100.0

Table 11. Spawn on kelp sample summaries by section.

Section: 025 - SKINCUTTLE INLET
Samples: 50, 61

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	135	8	38	8	4	1	1	0	0	5	200
Percent at Age	0.0	69.2	4.1	19.5	4.1	2.1	0.5	0.5	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	160.0	162.0	193.2	187.4	212.0	225.0	222.0	0.0	0.0	173.8	169.5
Std Dev Length (mm)	0.0	8.5	13.9	9.1	22.2	6.7	0.0	0.0	0.0	0.0	25.4	18.8
Mean Weight (gm)	0.0	51.5	57.3	101.0	98.9	134.8	149.0	158.0	0.0	0.0	71.8	66.2
Std Dev Weight (gm)	0.0	9.7	18.6	16.4	46.2	13.7	0.0	0.0	0.0	0.0	34.7	28.7

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	4	2	11	151	29	3	0	0	200
Percent at Stage	0.0	2.0	1.0	5.5	75.5	14.5	1.5	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	4	81	0	85		112	85	3	200
Percent at Maturity	4.7	95.3	0.0	100.0		56.0	42.5	1.5	100.0
Mean Weight (gm)	54.0	71.3	0.0	70.5		64.0	70.5	27.3	66.2
Pct Sample Weight	1.6	43.6	0.0	46.0		54.1	45.2	0.6	100.0

Section: 052 - KITKATLA INLET
Samples: 208

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	1	1	70	10	6	2	0	1	0	9	100
Percent at Age	0.0	1.1	1.1	76.9	11.0	6.6	2.2	0.0	1.1	0.0	0.0	100.0
Mean Length (mm)	0.0	160.0	161.0	183.1	196.6	198.5	198.0	0.0	213.0	0.0	182.8	185.5
Std Dev Length (mm)	0.0	0.0	0.0	9.5	5.1	12.0	22.6	0.0	0.0	0.0	15.7	12.2
Mean Weight (gm)	0.0	57.0	56.0	84.5	111.6	105.0	104.5	0.0	132.0	0.0	81.3	88.5
Std Dev Weight (gm)	0.0	0.0	0.0	15.8	16.0	18.9	31.8	0.0	0.0	0.0	22.3	19.9

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	0	70	25	5	0	0	100
Percent at Stage	0.0	0.0	0.0	0.0	70.0	25.0	5.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	0	59	1	60		40	60	0	100
Percent at Maturity	0.0	98.3	1.7	100.0		40.0	60.0	0.0	100.0
Mean Weight (gm)	0.0	92.0	121.0	92.5		82.5	92.5	0.0	88.5
Pct Sample Weight	0.0	61.3	1.4	62.0		37.3	62.7	0.0	100.0

Table 12. Test fishing sample summaries by section.

Section: 002 - PORT LOUIS
Samples: 178, 205, 207

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	12	31	203	20	7	7	2	0	1	17	300
Percent at Age	0.0	4.2	11.0	71.7	7.1	2.5	2.5	0.7	0.0	0.4	0.0	100.0
Mean Length (mm)	0.0	170.3	191.3	205.6	212.3	218.7	233.3	247.0	0.0	237.0	207.3	204.6
Std Dev Length (mm)	0.0	5.2	8.6	9.9	14.4	15.5	5.6	9.9	0.0	0.0	15.5	14.7
Mean Weight (gm)	0.0	63.4	98.2	131.6	144.3	148.9	197.0	246.0	0.0	208.0	138.2	129.6
Std Dev Weight (gm)	0.0	9.9	18.5	24.3	34.9	28.0	17.0	43.8	0.0	0.0	34.6	33.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	1	0	16	204	78	0	0	0	300
Percent at Stage	0.3	0.3	0.0	5.3	68.0	26.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	9	150	0	159		139	159	2	300
Percent at Maturity	5.7	94.3	0.0	100.0		46.3	53.0	0.7	100.0
Mean Weight (gm)	89.9	141.9	0.0	138.9		119.1	138.9	112.0	129.6
Pct Sample Weight	2.1	54.8	0.0	57.0		42.6	56.8	0.6	101.0

Section: 003 - RENNELL SOUND
Samples: 171, 174, 198, 206

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	21	42	283	31	4	4	0	0	1	14	400
Percent at Age	0.0	5.4	10.9	73.3	8.0	1.0	1.0	0.0	0.0	0.3	0.0	100.0
Mean Length (mm)	0.0	167.6	186.8	204.8	211.9	232.3	230.8	0.0	0.0	255.0	203.2	202.1
Std Dev Length (mm)	0.0	8.8	10.1	8.7	10.4	8.2	7.1	0.0	0.0	0.0	15.5	14.5
Mean Weight (gm)	0.0	63.6	93.2	129.6	149.2	190.0	188.0	0.0	0.0	239.0	129.7	125.3
Std Dev Weight (gm)	0.0	11.4	18.8	20.5	23.8	15.6	30.6	0.0	0.0	0.0	29.3	30.0

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	11	262	123	4	0	0	400
Percent at Stage	0.0	0.0	0.0	2.8	65.5	30.8	1.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	7	201	0	208		192	208	0	400
Percent at Maturity	3.4	96.6	0.0	100.0		48.0	52.0	0.0	100.0
Mean Weight (gm)	99.3	132.1	0.0	131.0		119.1	131.0	0.0	125.3
Pct Sample Weight	1.4	53.1	0.0	54.0		45.5	54.5	0.0	100.0

Table 12. (cont'd).

Section: 004 - CARTWRIGHT SOUND
Samples: 175

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	84	2	10	1	0	0	0	0	0	3	100
Percent at Age	0.0	86.6	2.1	10.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	156.7	173.5	181.9	201.0	0.0	0.0	0.0	0.0	0.0	155.3	160.0
Std Dev Length (mm)	0.0	7.3	4.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	4.7	11.6
Mean Weight (gm)	0.0	53.1	83.0	83.8	112.0	0.0	0.0	0.0	0.0	0.0	51.3	57.3
Std Dev Weight (gm)	0.0	8.2	11.3	12.4	0.0	0.0	0.0	0.0	0.0	0.0	6.4	14.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	1	29	63	6	1	0	100
Percent at Stage	0.0	0.0	0.0	1.0	29.0	63.0	6.0	1.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	1	24	4	29		70	29	1	100
Percent at Maturity	3.4	82.8	13.8	100.0		70.0	29.0	1.0	100.0
Mean Weight (gm)	70.0	63.6	48.5	61.7		55.8	61.7	36.0	57.3
Pct Sample Weight	1.2	26.6	3.4	31.0		68.1	31.2	0.6	100.0

Section: 005 - ENGLEFIELD BAY
Samples: 179

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	22	1	59	6	2	1	0	0	0	9	100
Percent at Age	0.0	24.2	1.1	64.8	6.6	2.2	1.1	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	160.4	184.0	198.1	198.7	207.5	237.0	0.0	0.0	0.0	194.8	190.0
Std Dev Length (mm)	0.0	7.7	0.0	8.7	7.4	10.6	0.0	0.0	0.0	0.0	24.6	19.5
Mean Weight (gm)	0.0	60.0	88.0	121.2	113.2	153.0	259.0	0.0	0.0	0.0	117.4	108.6
Std Dev Weight (gm)	0.0	10.3	0.0	22.0	19.9	32.5	0.0	0.0	0.0	0.0	48.5	37.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	1	0	1	59	39	0	0	0	100
Percent at Stage	0.0	1.0	0.0	1.0	59.0	39.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	1	48	0	49		50	49	1	100
Percent at Maturity	2.0	98.0	0.0	100.0		50.0	49.0	1.0	100.0
Mean Weight (gm)	60.0	127.5	0.0	126.1		92.7	126.1	46.0	108.6
Pct Sample Weight	0.6	56.3	0.0	57.0		42.7	56.9	0.4	100.0

Table 12. (cont'd).

Section: 006 - LOUSCOONE INLET
Samples: 55

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	75	9	6	4	0	0	0	0	0	6	100
Percent at Age	0.0	79.8	9.6	6.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	157.3	161.3	183.7	214.5	0.0	0.0	0.0	0.0	0.0	160.7	161.8
Std Dev Length (mm)	0.0	12.9	11.6	22.3	7.2	0.0	0.0	0.0	0.0	0.0	19.5	18.4
Mean Weight (gm)	0.0	47.8	51.9	89.7	152.0	0.0	0.0	0.0	0.0	0.0	50.5	55.0
Std Dev Weight (gm)	0.0	14.4	13.0	34.8	27.3	0.0	0.0	0.0	0.0	0.0	22.4	27.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	11	12	1	14	54	8	0	0	0	100
Percent at Stage	11.0	12.0	1.0	14.0	54.0	8.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	8	15	0	23		53	23	24	100
Percent at Maturity	34.8	65.2	0.0	100.0		53.0	23.0	24.0	100.0
Mean Weight (gm)	56.0	82.6	0.0	73.3		57.0	73.3	33.2	55.0
Pct Sample Weight	8.1	22.5	0.0	31.0		54.9	30.7	14.5	100.0

Section: 021 - JUAN PEREZ SOUND
Samples: 51, 52, 58, 59, 65

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	219	26	176	28	12	6	3	1	1	28	500
Percent at Age	0.0	46.4	5.5	37.3	5.9	2.5	1.3	0.6	0.2	0.2	0.0	100.0
Mean Length (mm)	0.0	155.5	159.5	190.3	197.8	206.9	206.8	212.0	235.0	215.0	171.9	173.7
Std Dev Length (mm)	0.0	9.2	15.0	10.8	8.3	15.9	5.0	7.0	0.0	0.0	20.6	21.6
Mean Weight (gm)	0.0	48.2	56.4	100.0	107.7	137.9	140.7	137.7	184.0	157.0	73.7	75.9
Std Dev Weight (gm)	0.0	11.3	22.8	17.5	13.7	30.3	15.7	13.4	0.0	0.0	30.8	33.1

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	2	1	2	9	232	150	32	72	0	500
Percent at Stage	0.4	0.2	0.4	1.8	46.4	30.0	6.4	14.4	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	6	154	45	205		292	205	3	500
Percent at Maturity	2.9	75.1	22.0	100.0		58.4	41.0	0.6	100.0
Mean Weight (gm)	65.3	96.3	38.6	82.8		71.5	82.8	42.0	75.9
Pct Sample Weight	1.0	39.1	4.6	45.0		55.0	44.7	0.3	100.0

Table 12. (cont'd).

Section: 024 - SELWYN INLET
Samples: 66

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	7	1	49	15	9	6	1	0	2	10	100
Percent at Age	0.0	7.8	1.1	54.4	16.7	10.0	6.7	1.1	0.0	2.2	0.0	100.0
Mean Length (mm)	0.0	161.7	189.0	190.8	198.2	210.8	210.8	221.0	0.0	215.5	191.0	193.7
Std Dev Length (mm)	0.0	8.0	0.0	9.9	12.9	5.2	7.5	0.0	0.0	2.1	8.9	15.2
Mean Weight (gm)	0.0	58.7	90.0	106.5	119.4	137.3	153.8	161.0	0.0	170.5	107.6	112.5
Std Dev Weight (gm)	0.0	7.5	0.0	19.5	26.1	13.1	23.0	0.0	0.0	21.9	23.8	29.5

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	0	98	2	0	0	0	100
Percent at Stage	0.0	0.0	0.0	0.0	98.0	2.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	0	44	0	44		56	44	0	100
Percent at Maturity	0.0	100.0	0.0	100.0		56.0	44.0	0.0	100.0
Mean Weight (gm)	0.0	124.7	0.0	124.7		102.9	124.7	0.0	112.5
Pct Sample Weight	0.0	48.8	0.0	49.0		51.2	48.8	0.0	100.0

Section: 025 - SKINCUTTLE INLET
Samples: 54, 56, 67, 84

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	93	7	211	30	11	10	7	4	0	27	400
Percent at Age	0.0	24.9	1.9	56.6	8.0	2.9	2.7	1.9	1.1	0.0	0.0	100.0
Mean Length (mm)	0.0	159.6	163.7	192.2	199.7	206.2	209.0	220.9	223.0	0.0	186.6	185.9
Std Dev Length (mm)	0.0	8.2	9.0	8.7	10.9	8.5	12.4	8.7	12.4	0.0	17.1	18.9
Mean Weight (gm)	0.0	54.9	56.1	103.2	113.8	129.6	123.8	147.9	161.5	0.0	96.5	94.1
Std Dev Weight (gm)	0.0	9.0	8.2	15.6	17.8	18.5	23.2	17.9	31.2	0.0	30.0	29.5

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	2	17	266	94	21	0	0	400
Percent at Stage	0.0	0.0	0.5	4.3	66.5	23.5	5.3	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	10	169	4	183		217	183	0	400
Percent at Maturity	5.5	92.3	2.2	100.0		54.3	45.8	0.0	100.0
Mean Weight (gm)	82.8	103.7	62.5	101.7		87.7	101.7	0.0	94.1
Pct Sample Weight	2.2	46.6	0.7	50.0		50.6	49.4	0.0	100.0

Table 12. (cont'd).

Section: 033 - PORT SIMPSON
Samples: 176

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	1	3	63	10	8	2	0	0	0	13	100
Percent at Age	0.0	1.1	3.4	72.4	11.5	9.2	2.3	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	175.0	163.0	174.3	181.2	191.0	191.0	0.0	0.0	0.0	174.9	176.4
Std Dev Length (mm)	0.0	0.0	9.8	8.4	7.0	12.7	9.9	0.0	0.0	0.0	13.0	10.8
Mean Weight (gm)	0.0	72.0	53.0	68.7	75.5	86.0	83.0	0.0	0.0	0.0	69.7	70.7
Std Dev Weight (gm)	0.0	0.0	5.2	12.6	12.0	13.3	8.5	0.0	0.0	0.0	19.3	14.4

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	1	40	58	1	0	0	0	100
Percent at Stage	0.0	0.0	1.0	40.0	58.0	1.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	25	10	0	35		65	35	0	100
Percent at Maturity	71.4	28.6	0.0	100.0		65.0	35.0	0.0	100.0
Mean Weight (gm)	71.0	70.7	0.0	70.9		70.6	70.9	0.0	70.7
Pct Sample Weight	25.1	10.0	0.0	35.0		64.9	35.1	0.0	100.0

Section: 042 - AREA 4 NORTH
Samples: 170, 172, 177

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	3	9	182	45	33	8	2	2	0	16	300
Percent at Age	0.0	1.1	3.2	64.1	15.8	11.6	2.8	0.7	0.7	0.0	0.0	100.0
Mean Length (mm)	0.0	158.3	164.9	179.5	189.5	194.8	200.8	216.0	228.5	0.0	184.3	183.5
Std Dev Length (mm)	0.0	22.9	9.4	9.9	9.7	10.3	10.1	14.1	10.6	0.0	11.0	13.2
Mean Weight (gm)	0.0	44.0	59.1	77.7	91.0	101.8	113.6	140.5	164.5	0.0	84.1	83.7
Std Dev Weight (gm)	0.0	11.5	12.9	15.6	16.3	16.0	25.1	43.1	30.4	0.0	19.7	21.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	1	1	2	183	112	0	0	0	300
Percent at Stage	0.3	0.3	0.3	0.7	61.0	37.3	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	3	133	0	136		163	136	1	300
Percent at Maturity	2.2	97.8	0.0	100.0		54.3	45.3	0.3	100.0
Mean Weight (gm)	50.0	91.0	0.0	90.1		78.6	90.1	57.0	83.7
Pct Sample Weight	0.6	48.2	0.0	49.0		51.0	48.8	0.2	100.0

Table 12. (cont'd).

Section: 052 - KITKATLA INLET
Samples: 189, 191, 192, 200, 203, 209, 210, 211, 212, 213, 217, 218, 222, 224, 226

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	17	25	979	141	143	60	14	17	2	102	1500
Percent at Age	0.0	1.2	1.8	70.0	10.1	10.2	4.3	1.0	1.2	0.1	0.0	100.0
Mean Length (mm)	0.0	156.5	169.4	183.9	193.5	202.0	210.6	215.4	216.7	214.5	184.8	187.8
Std Dev Length (mm)	0.0	11.2	9.3	11.9	11.3	12.4	11.8	12.5	11.3	0.7	19.4	15.6
Mean Weight (gm)	0.0	49.2	66.2	87.3	102.8	118.9	136.0	142.5	151.4	134.0	89.1	94.4
Std Dev Weight (gm)	0.0	12.6	15.5	20.6	21.8	26.7	26.1	31.9	32.3	17.0	31.0	27.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	7	40	61	886	461	42	2	0	1500
Percent at Stage	0.1	0.5	2.7	4.1	59.1	30.7	2.8	0.1	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	50	738	14	802		696	802	2	1500
Percent at Maturity	6.2	92.0	1.7	100.0		46.4	53.5	0.1	100.0
Mean Weight (gm)	60.3	106.0	70.6	102.5		85.1	102.5	40.5	94.4
Pct Sample Weight	2.1	55.3	0.7	58.0		41.8	58.1	0.1	100.0

Section: 067 - KITASU BAY
Samples: 103, 112, 114, 135

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	5	12	209	61	12	35	17	13	5	30	400
Percent at Age	0.0	1.4	3.2	56.5	16.5	3.2	9.5	4.6	3.5	1.4	0.0	99.8
Mean Length (mm)	0.0	156.4	180.2	181.1	189.8	200.7	199.5	207.1	201.6	204.4	182.7	186.6
Std Dev Length (mm)	0.0	14.9	12.6	10.8	12.5	8.7	12.4	8.4	12.4	7.8	16.4	14.8
Mean Weight (gm)	0.0	52.4	82.8	86.3	99.9	117.3	116.9	130.6	124.2	122.0	88.1	95.4
Std Dev Weight (gm)	0.0	18.5	16.9	17.0	21.1	20.5	22.4	18.8	26.7	23.8	24.4	24.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	1	0	39	228	130	1	0	0	400
Percent at Stage	0.3	0.3	0.0	9.8	57.0	32.5	0.3	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	35	169	1	205		193	205	2	400
Percent at Maturity	17.1	82.4	0.5	100.0		48.3	51.3	0.5	100.0
Mean Weight (gm)	84.0	103.8	111.0	100.5		90.6	100.5	36.5	95.4
Pct Sample Weight	7.7	46.0	0.3	54.0		45.8	54.0	0.2	100.0

Table 12. (cont'd).

Section: 072 - POWELL ANCHORAGE
Samples: 100, 105, 110, 120, 123, 124, 138, 150, 151, 154

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	11	37	430	126	29	19	9	15	2	322	1000
Percent at Age	0.0	1.6	5.5	63.4	18.6	4.3	2.8	1.3	2.2	0.3	0.0	100.0
Mean Length (mm)	0.0	153.3	170.1	185.4	187.8	195.3	206.3	210.0	210.6	219.5	189.3	187.4
Std Dev Length (mm)	0.0	8.9	15.0	11.1	12.2	11.6	11.3	13.2	13.8	0.7	14.1	14.3
Mean Weight (gm)	0.0	48.9	72.1	95.1	97.6	111.1	128.8	132.6	142.1	165.5	101.8	98.5
Std Dev Weight (gm)	0.0	10.6	20.2	18.7	20.2	23.0	26.7	24.5	32.8	2.1	24.2	24.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	2	0	1	22	658	316	1	0	0	1000
Percent at Stage	0.2	0.0	0.1	2.2	65.8	31.6	0.1	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	20	472	0	492		506	492	2	1000
Percent at Maturity	4.1	95.9	0.0	100.0		50.6	49.2	0.2	100.0
Mean Weight (gm)	85.2	104.2	0.0	103.5		93.8	103.5	81.5	98.5
Pct Sample Weight	1.7	49.9	0.0	52.0		48.2	51.7	0.2	100.0

Section: 074 - THOMPSON BAY
Samples: 106, 107, 109, 111, 117, 121, 126, 127, 134

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	8	62	541	98	17	25	12	8	1	128	900
Percent at Age	0.0	1.0	8.0	70.1	12.7	2.2	3.2	1.6	1.0	0.1	0.0	100.0
Mean Length (mm)	0.0	153.5	172.2	187.1	192.7	204.6	210.4	216.3	215.5	222.0	182.4	187.4
Std Dev Length (mm)	0.0	6.5	12.4	9.9	10.1	8.9	10.1	13.1	11.3	0.0	15.2	13.9
Mean Weight (gm)	0.0	49.0	72.8	94.5	101.3	120.6	137.2	143.4	152.0	189.0	90.1	95.7
Std Dev Weight (gm)	0.0	6.9	14.2	16.3	17.0	18.7	23.9	26.5	18.4	0.0	24.2	22.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	4	0	190	455	249	2	0	0	900
Percent at Stage	0.0	0.4	0.0	21.1	50.6	27.7	0.2	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	166	311	1	478		420	478	2	900
Percent at Maturity	34.7	65.1	0.2	100.0		46.7	53.1	0.2	100.0
Mean Weight (gm)	99.6	104.3	88.0	102.6		87.9	102.6	51.0	95.7
Pct Sample Weight	19.2	37.7	0.1	57.0		42.9	57.0	0.1	100.0

Table 12. (cont'd).

Section: 076 - KILDIDT SOUND
Samples: 108

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	0	6	47	19	8	8	5	2	1	4	100
Percent at Age	0.0	0.0	6.3	49.0	19.8	8.3	8.3	5.2	2.1	1.0	0.0	100.0
Mean Length (mm)	0.0	0.0	166.3	179.8	184.1	193.1	195.6	198.0	206.5	204.0	189.8	184.2
Std Dev Length (mm)	0.0	0.0	11.6	11.4	9.3	15.4	9.9	10.5	9.2	0.0	9.6	13.6
Mean Weight (gm)	0.0	0.0	64.0	84.1	88.1	97.6	106.0	107.4	126.0	156.0	103.5	90.0
Std Dev Weight (gm)	0.0	0.0	16.0	21.2	15.7	26.2	19.0	21.6	11.3	0.0	19.2	23.4

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	0	53	46	1	0	0	100
Percent at Stage	0.0	0.0	0.0	0.0	53.0	46.0	1.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	0	59	1	60		40	60	0	100
Percent at Maturity	0.0	98.3	1.7	100.0		40.0	60.0	0.0	100.0
Mean Weight (gm)	0.0	95.4	96.0	95.4		81.8	95.4	0.0	90.0
Pct Sample Weight	0.0	62.6	1.1	64.0		36.4	63.6	0.0	100.0

Section: 077 - MILBANKE SOUND
Samples: 113, 115, 116, 119, 125, 128, 129

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	8	29	275	89	23	17	6	20	3	230	700
Percent at Age	0.0	1.7	6.2	58.5	18.9	4.9	3.6	1.3	4.3	0.6	0.0	100.0
Mean Length (mm)	0.0	152.4	164.2	181.4	186.2	201.1	207.1	206.2	207.1	211.3	181.7	183.4
Std Dev Length (mm)	0.0	12.7	9.3	10.4	10.2	7.7	9.6	11.8	7.3	11.0	13.8	14.4
Mean Weight (gm)	0.0	47.3	62.1	85.7	93.5	120.9	129.5	126.5	132.9	139.7	86.6	89.7
Std Dev Weight (gm)	0.0	8.2	11.6	16.7	18.1	17.9	19.8	24.4	19.6	15.3	21.1	23.4

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	45	468	186	1	0	0	700
Percent at Stage	0.0	0.0	0.0	6.4	66.9	26.6	0.1	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	33	273	0	306		394	306	0	700
Percent at Maturity	10.8	89.2	0.0	100.0		56.3	43.7	0.0	100.0
Mean Weight (gm)	86.1	97.2	0.0	96.0		84.8	96.0	0.0	89.7
Pct Sample Weight	4.5	42.3	0.0	47.0		53.1	46.9	0.0	100.0

Table 12. (cont'd).

Section: 078 - DON PENINSULA
Samples: 118

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	1	7	69	9	1	1	3	1	2	6	100
Percent at Age	0.0	1.1	7.4	73.4	9.6	1.1	1.1	3.2	1.1	2.1	0.0	100.0
Mean Length (mm)	0.0	162.0	172.6	186.9	188.3	206.0	205.0	215.0	211.0	221.0	193.3	188.3
Std Dev Length (mm)	0.0	0.0	14.8	9.9	8.8	0.0	0.0	8.2	0.0	12.7	17.9	13.7
Mean Weight (gm)	0.0	58.0	70.7	94.8	100.0	129.0	153.0	152.0	127.0	165.5	106.5	98.3
Std Dev Weight (gm)	0.0	0.0	18.7	18.5	16.7	0.0	0.0	25.9	0.0	37.5	30.1	25.7

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	3	78	19	0	0	0	100
Percent at Stage	0.0	0.0	0.0	3.0	78.0	19.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	3	57	0	60		40	60	0	100
Percent at Maturity	5.0	95.0	0.0	100.0		40.0	60.0	0.0	100.0
Mean Weight (gm)	87.7	104.3	0.0	103.4		90.6	103.4	0.0	98.3
Pct Sample Weight	2.7	60.5	0.0	63.0		36.9	63.1	0.0	100.0

Section: 085 - KWAKSHUA CHANNEL
Samples: 102, 104, 144, 145

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	3	46	204	77	15	18	9	3	1	24	400
Percent at Age	0.0	0.8	12.2	54.3	20.5	4.0	4.8	2.4	0.8	0.3	0.0	100.0
Mean Length (mm)	0.0	139.3	168.1	179.8	185.1	190.7	198.8	209.8	193.7	205.0	178.9	181.2
Std Dev Length (mm)	0.0	19.7	11.1	11.2	12.5	7.6	10.7	12.4	15.4	0.0	16.3	14.5
Mean Weight (gm)	0.0	32.7	65.9	81.3	87.4	98.3	110.9	146.3	99.3	157.0	81.4	84.1
Std Dev Weight (gm)	0.0	16.3	15.4	17.8	21.3	16.3	21.6	30.2	30.7	0.0	25.9	24.0

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	3	1	62	263	70	1	0	0	400
Percent at Stage	0.0	0.8	0.3	15.5	65.8	17.5	0.3	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	54	154	0	208		189	208	3	400
Percent at Maturity	26.0	74.0	0.0	100.0		47.3	52.0	0.8	100.0
Mean Weight (gm)	85.9	93.5	0.0	91.5		76.4	91.5	51.3	84.1
Pct Sample Weight	13.8	42.8	0.0	57.0		42.9	56.6	0.5	100.0

Table 12. (cont'd).

Section: 092 - RIVERS INLET MOUTH
Samples: 101, 159

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	3	28	121	29	3	5	1	2	0	8	200
Percent at Age	0.0	1.6	14.6	63.0	15.1	1.6	2.6	0.5	1.0	0.0	0.0	100.0
Mean Length (mm)	0.0	149.7	166.3	170.7	175.7	184.3	187.6	184.0	194.5	0.0	169.0	171.3
Std Dev Length (mm)	0.0	7.6	14.7	12.7	13.9	3.1	7.8	0.0	14.8	0.0	6.4	13.7
Mean Weight (gm)	0.0	49.0	63.2	67.8	73.6	81.0	90.8	81.0	102.0	0.0	63.6	68.7
Std Dev Weight (gm)	0.0	7.8	18.6	17.2	20.3	3.6	15.8	0.0	28.3	0.0	13.7	18.5

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	52	75	68	5	0	0	200
Percent at Stage	0.0	0.0	0.0	26.0	37.5	34.0	2.5	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	43	37	1	81		119	81	0	200
Percent at Maturity	53.1	45.7	1.2	100.0		59.5	40.5	0.0	100.0
Mean Weight (gm)	74.9	75.7	33.0	74.8		64.6	74.8	0.0	68.7
Pct Sample Weight	23.4	20.4	0.2	43.0		56.0	44.0	0.0	100.0

Section: 102 - TAKUSH HARBOUR
Samples: 122

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	6	20	53	12	2	2	1	0	0	4	100
Percent at Age	0.0	6.3	20.8	55.2	12.5	2.1	2.1	1.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	144.3	164.6	169.2	181.0	202.0	178.0	178.0	0.0	0.0	170.3	169.2
Std Dev Length (mm)	0.0	9.7	13.3	16.1	14.2	2.8	14.1	0.0	0.0	0.0	13.9	16.9
Mean Weight (gm)	0.0	35.5	55.6	61.0	79.9	103.5	74.5	84.0	0.0	0.0	68.5	62.3
Std Dev Weight (gm)	0.0	9.8	16.2	20.1	23.8	6.4	20.5	0.0	0.0	0.0	20.3	22.0

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	4	0	22	29	38	6	0	0	100
Percent at Stage	1.0	4.0	0.0	22.0	29.0	38.0	6.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	22	42	4	68		28	68	4	100
Percent at Maturity	32.4	61.8	5.9	100.0		28.0	68.0	4.0	100.0
Mean Weight (gm)	56.4	65.3	56.0	61.8		67.3	61.8	35.5	62.3
Pct Sample Weight	19.9	44.0	3.6	68.0		30.2	67.5	2.3	99.0

Table 12. (cont'd).

Section: 132 - DEEPWATER BAY
Samples: 62

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	49	8	0	0	0	0	0	0	0	0	43	100
Percent at Age	86.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	98.7	113.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.0	97.5
Std Dev Length (mm)	6.2	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	9.3
Mean Weight (gm)	11.2	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	10.9
Std Dev Weight (gm)	2.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	87	12	0	1	0	0	0	0	0	100
Percent at Stage	87.0	12.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
						1	0	99	100
						1.0	0.0	99.0	100.0
						31.0	0.0	10.7	10.9
						2.8	0.0	97.2	100.0

Section: 141 - OTHER AREA 14
Samples: 45, 46, 267

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	4	51	95	27	10	6	1	0	0	106	300
Percent at Age	0.0	2.1	26.3	49.0	13.9	5.2	3.1	0.5	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	156.3	173.2	187.6	197.7	201.1	196.2	205.0	0.0	0.0	185.5	185.6
Std Dev Length (mm)	0.0	12.7	13.4	10.4	7.6	5.2	18.6	0.0	0.0	0.0	13.0	14.2
Mean Weight (gm)	0.0	50.8	69.1	85.5	98.4	112.4	100.0	109.0	0.0	0.0	87.7	85.4
Std Dev Weight (gm)	0.0	13.6	16.0	13.6	15.0	18.9	18.6	0.0	0.0	0.0	19.4	19.5

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	2	1	1	122	156	18	0	0	0	300
Percent at Stage	0.7	0.3	0.3	40.7	52.0	6.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	90	63	0	153		144	153	3	300
Percent at Maturity	58.8	41.2	0.0	100.0		48.0	51.0	1.0	100.0
Mean Weight (gm)	81.9	101.3	0.0	89.9		81.7	89.9	38.3	85.4
Pct Sample Weight	28.8	24.9	0.0	54.0		45.9	53.7	0.4	100.0

Table 12. (cont'd).

Section: 142 - BAYNES SOUND
Samples: 2, 3, 16, 18, 19, 25, 26, 29, 31, 32, 35, 38, 40, 41, 42, 49, 57, 71, 73, 260, 265, 266, 272, 275, 276,

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	55	511	823	384	89	27	3	4	0	1004	2900
Percent at Age	0.0	2.9	27.0	43.4	20.3	4.7	1.4	0.2	0.2	0.0	0.0	100.0
Mean Length (mm)	0.0	158.4	176.2	187.5	195.3	197.8	201.7	205.7	197.3	0.0	187.7	186.5
Std Dev Length (mm)	0.0	15.3	12.5	11.7	10.1	9.4	9.2	1.5	17.7	0.0	13.9	14.4
Mean Weight (gm)	0.0	53.6	73.9	88.8	99.7	107.6	111.1	124.3	108.8	0.0	90.4	88.4
Std Dev Weight (gm)	0.0	13.3	15.9	16.8	16.7	16.4	21.2	15.0	25.2	0.0	20.5	20.5

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	8	9	2	137	2059	640	37	8	0	2900
Percent at Stage	0.3	0.3	0.1	4.7	71.0	22.1	1.3	0.3	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	66	1235	8	1309		1574	1309	17	2900
Percent at Maturity	5.0	94.3	0.6	100.0		54.3	45.1	0.6	100.0
Mean Weight (gm)	76.5	94.8	78.3	93.8		84.3	93.8	44.9	88.4
Pct Sample Weight	2.0	45.7	0.2	48.0		51.8	47.9	0.3	100.0

Section: 143 - QUALICUM
Samples: 21, 22, 24, 30, 43, 261, 271, 273, 274, 282

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	46	163	200	107	32	10	4	2	1	435	1000
Percent at Age	0.0	8.1	28.8	35.4	18.9	5.7	1.8	0.7	0.4	0.2	0.0	100.0
Mean Length (mm)	0.0	161.6	178.6	189.7	196.1	202.3	209.7	216.8	211.0	212.0	189.0	187.7
Std Dev Length (mm)	0.0	12.3	12.0	10.6	10.0	9.3	5.2	15.1	15.6	0.0	13.6	14.8
Mean Weight (gm)	0.0	53.8	74.5	88.8	100.6	113.7	126.4	133.0	129.0	132.0	90.6	88.4
Std Dev Weight (gm)	0.0	11.6	16.2	15.8	17.4	18.2	16.1	12.1	9.9	0.0	20.3	21.8

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	4	1	35	691	251	16	2	0	1000
Percent at Stage	0.0	0.4	0.1	3.5	69.1	25.1	1.6	0.2	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	17	425	4	446		551	446	3	1000
Percent at Maturity	3.8	95.3	0.9	100.0		55.1	44.6	0.3	100.0
Mean Weight (gm)	78.8	95.1	84.8	94.4		83.8	94.4	49.0	88.4
Pct Sample Weight	1.5	45.7	0.4	48.0		52.2	47.6	0.2	100.0

Table 12. (cont'd).

Section: 152 - POWELL RIVER
Samples: 270

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	60	26	5	3	0	0	0	0	0	6	100
Percent at Age	0.0	63.8	27.7	5.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	136.3	144.7	143.8	141.3	0.0	0.0	0.0	0.0	0.0	136.3	139.0
Std Dev Length (mm)	0.0	6.8	11.3	12.0	5.9	0.0	0.0	0.0	0.0	0.0	4.8	9.1
Mean Weight (gm)	0.0	33.4	42.0	43.4	43.7	0.0	0.0	0.0	0.0	0.0	33.7	36.4
Std Dev Weight (gm)	0.0	5.2	10.8	8.9	8.1	0.0	0.0	0.0	0.0	0.0	2.8	8.3

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	22	36	11	19	12	0	0	0	0	100
Percent at Stage	22.0	36.0	11.0	19.0	12.0	0.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	21	3	0	24		18	24	58	100
Percent at Maturity	87.5	12.5	0.0	100.0		18.0	24.0	58.0	100.0
Mean Weight (gm)	39.3	59.0	0.0	41.8		39.4	41.8	33.3	36.4
Pct Sample Weight	22.7	4.9	0.0	28.0		19.5	27.5	53.0	100.0

Section: 172 - NANOOSE BAY
Samples: 5, 14, 15

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	9	66	102	67	19	5	0	1	0	31	300
Percent at Age	0.0	3.3	24.5	37.9	24.9	7.1	1.9	0.0	0.4	0.0	0.0	100.0
Mean Length (mm)	0.0	156.8	176.1	191.2	198.4	202.6	210.0	0.0	210.0	0.0	184.1	188.8
Std Dev Length (mm)	0.0	12.9	15.2	10.1	8.4	7.9	9.5	0.0	0.0	0.0	19.7	16.2
Mean Weight (gm)	0.0	46.6	66.8	87.3	95.2	104.6	115.2	0.0	124.0	0.0	83.0	84.6
Std Dev Weight (gm)	0.0	10.8	17.0	17.0	15.8	14.7	12.4	0.0	0.0	0.0	20.7	21.5

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	1	2	0	0	137	45	115	0	0	300
Percent at Stage	0.3	0.7	0.0	0.0	45.7	15.0	38.3	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	2	76	49	127		172	127	1	300
Percent at Maturity	1.6	59.8	38.6	100.0		57.3	42.3	0.3	100.0
Mean Weight (gm)	38.0	97.6	77.2	88.8		81.9	88.8	11.0	84.6
Pct Sample Weight	0.3	29.2	14.9	44.0		55.5	44.4	0.0	100.0

Table 12. (cont'd).

Section: 173 - YELLOW POINT
Samples: 13, 20, 23, 283, 284, 285, 287

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	160	190	168	94	22	4	1	0	0	61	700
Percent at Age	0.0	25.0	29.7	26.3	14.7	3.4	0.6	0.2	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	141.1	168.9	185.0	197.1	199.9	194.8	172.0	0.0	0.0	168.2	171.3
Std Dev Length (mm)	0.0	13.4	17.6	14.4	10.2	11.6	24.5	0.0	0.0	0.0	22.9	24.8
Mean Weight (gm)	0.0	38.0	66.1	85.7	100.2	105.5	107.0	76.0	0.0	0.0	66.4	70.5
Std Dev Weight (gm)	0.0	12.7	19.9	19.5	16.8	17.7	39.6	0.0	0.0	0.0	26.3	28.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	15	35	14	68	365	176	20	7	0	700
Percent at Stage	2.1	5.0	2.0	9.7	52.1	25.1	2.9	1.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	44	232	10	286		377	286	37	700
Percent at Maturity	15.4	81.1	3.5	100.0		53.9	40.9	5.3	100.0
Mean Weight (gm)	44.6	82.8	67.3	76.3		70.3	76.3	26.9	70.5
Pct Sample Weight	4.0	38.9	1.4	44.0		53.7	44.3	2.0	100.0

Section: 181 - SWANSON CHANNEL
Samples: 7, 289

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	54	26	29	35	16	3	1	0	0	0	36	200
Percent at Age	32.9	15.9	17.7	21.3	9.8	1.8	0.6	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	107.4	134.7	171.4	187.8	187.8	206.7	207.0	0.0	0.0	0.0	128.9	146.6
Std Dev Length (mm)	5.4	27.5	13.6	8.4	13.2	0.6	0.0	0.0	0.0	0.0	30.7	37.5
Mean Weight (gm)	15.8	35.1	70.1	89.5	92.6	129.0	130.0	0.0	0.0	0.0	32.9	50.6
Std Dev Weight (gm)	2.4	22.4	13.8	14.1	20.3	14.8	0.0	0.0	0.0	0.0	29.0	36.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	86	12	2	43	40	13	4	0	0	200
Percent at Stage	43.0	6.0	1.0	21.5	20.0	6.5	2.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	18	30	0	48		54	48	98	200
Percent at Maturity	37.5	62.5	0.0	100.0		27.0	24.0	49.0	100.0
Mean Weight (gm)	84.2	96.6	0.0	92.0		74.4	92.0	17.2	50.6
Pct Sample Weight	15.0	28.7	0.0	44.0		39.7	43.6	16.6	101.0

Table 12. (cont'd).

Section: 191 - SAANICH INLET
Samples: 48, 286, 288

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	16	83	106	64	10	4	0	0	0	17	300
Percent at Age	0.0	5.7	29.3	37.5	22.6	3.5	1.4	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	160.4	178.2	190.6	198.3	204.7	205.3	0.0	0.0	0.0	177.9	187.2
Std Dev Length (mm)	0.0	9.6	11.5	10.1	8.2	6.3	9.4	0.0	0.0	0.0	16.4	14.8
Mean Weight (gm)	0.0	52.9	71.4	87.8	99.0	108.6	114.0	0.0	0.0	0.0	73.4	84.0
Std Dev Weight (gm)	0.0	8.5	15.0	17.2	15.6	9.9	27.8	0.0	0.0	0.0	21.8	21.1

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	1	2	76	168	50	3	0	0	300
Percent at Stage	0.0	0.3	0.7	25.3	56.0	16.7	1.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	29	106	0	135		164	135	1	300
Percent at Maturity	21.5	78.5	0.0	100.0		54.7	45.0	0.3	100.0
Mean Weight (gm)	89.7	89.0	0.0	89.2		80.1	89.2	28.0	84.0
Pct Sample Weight	10.3	37.4	0.0	47.0		52.1	47.8	0.1	100.0

Section: 232 - MACOAH PASS
Samples: 4, 28, 33, 34, 39, 44, 47, 63, 64, 68, 69, 70, 72, 74, 75, 76, 78, 79, 268, 269

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	283	567	624	273	56	10	4	0	0	183	2000
Percent at Age	0.0	15.6	31.2	34.3	15.0	3.1	0.6	0.2	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	165.2	177.1	190.6	195.4	201.6	200.9	214.3	0.0	0.0	184.6	183.7
Std Dev Length (mm)	0.0	10.7	12.0	11.0	11.2	8.1	14.2	9.0	0.0	0.0	15.8	15.6
Mean Weight (gm)	0.0	63.1	78.7	97.4	105.1	117.7	113.4	146.3	0.0	0.0	88.9	88.3
Std Dev Weight (gm)	0.0	12.2	16.5	17.7	18.9	17.6	27.6	28.1	0.0	0.0	24.1	22.9

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	2	2	63	1123	687	121	2	0	2000
Percent at Stage	0.0	0.1	0.1	3.2	56.2	34.3	6.1	0.1	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	41	991	18	1050		950	1050	0	2000
Percent at Maturity	3.9	94.4	1.7	100.0		47.5	52.5	0.0	100.0
Mean Weight (gm)	78.9	96.3	85.4	95.4		80.4	95.4	0.0	88.3
Pct Sample Weight	1.8	54.0	0.9	57.0		43.3	56.7	0.0	100.0

Table 12. (cont'd).

Section: 239 - OFFSHORE AREA 23
Samples: 27

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	23	29	25	12	2	0	0	0	0	9	100
Percent at Age	0.0	25.3	31.9	27.5	13.2	2.2	0.0	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	164.7	178.3	192.0	192.7	194.5	0.0	0.0	0.0	0.0	182.3	181.0
Std Dev Length (mm)	0.0	13.1	11.3	12.9	17.8	14.8	0.0	0.0	0.0	0.0	15.9	17.0
Mean Weight (gm)	0.0	64.3	78.6	101.0	101.6	92.0	0.0	0.0	0.0	0.0	84.8	84.5
Std Dev Weight (gm)	0.0	18.4	16.4	22.7	26.9	18.4	0.0	0.0	0.0	0.0	20.9	24.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	0	98	2	0	0	0	100
Percent at Stage	0.0	0.0	0.0	0.0	98.0	2.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	0	58	0	58		42	58	0	100
Percent at Maturity	0.0	100.0	0.0	100.0		42.0	58.0	0.0	100.0
Mean Weight (gm)	0.0	92.8	0.0	92.8		73.0	92.8	0.0	84.5
Pct Sample Weight	0.0	63.7	0.0	64.0		36.3	63.7	0.0	100.0

Section: 243 - SYDNEY INLET
Samples: 6, 11, 17, 36, 37, 53, 60, 77

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	47	295	273	59	16	1	1	2	1	105	800
Percent at Age	0.0	6.8	42.4	39.3	8.5	2.3	0.1	0.1	0.3	0.1	0.0	100.0
Mean Length (mm)	0.0	163.8	181.2	192.5	197.3	207.3	226.0	215.0	206.0	221.0	184.3	186.4
Std Dev Length (mm)	0.0	14.5	9.8	10.7	9.1	13.4	0.0	0.0	28.3	0.0	16.9	14.5
Mean Weight (gm)	0.0	63.2	83.3	100.6	107.6	126.4	173.0	140.0	125.5	127.0	88.9	91.8
Std Dev Weight (gm)	0.0	17.6	14.7	19.1	17.9	27.1	0.0	0.0	46.0	0.0	23.6	22.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	11	625	158	6	0	0	800
Percent at Stage	0.0	0.0	0.0	1.4	78.1	19.8	0.8	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	11	378	3	392		407	392	1	800
Percent at Maturity	2.8	96.4	0.8	100.0		50.9	49.0	0.1	100.0
Mean Weight (gm)	85.9	98.1	72.0	97.5		86.3	97.5	76.0	91.8
Pct Sample Weight	1.3	50.5	0.3	51.0		47.8	52.1	0.1	100.0

Table 12. (cont'd).

Section: 252 - NOOTKA SOUND
Samples: 9, 161, 166, 168

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	14	99	173	57	14	4	2	1	0	36	400
Percent at Age	0.0	3.8	27.2	47.5	15.7	3.8	1.1	0.5	0.3	0.0	0.0	100.0
Mean Length (mm)	0.0	167.8	180.8	195.4	202.6	204.1	206.5	220.0	237.0	0.0	189.9	192.0
Std Dev Length (mm)	0.0	11.4	11.2	8.8	8.3	9.5	14.2	4.2	0.0	0.0	16.5	14.0
Mean Weight (gm)	0.0	65.9	81.4	104.6	116.8	117.5	129.5	152.5	209.0	0.0	97.9	99.8
Std Dev Weight (gm)	0.0	12.9	15.5	16.2	16.9	21.4	20.5	3.5	0.0	0.0	25.7	23.1

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	4	215	179	2	0	0	400
Percent at Stage	0.0	0.0	0.0	1.0	53.8	44.8	0.5	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	4	193	0	197		203	197	0	400
Percent at Maturity	2.0	98.0	0.0	100.0		50.8	49.3	0.0	100.0
Mean Weight (gm)	90.3	106.8	0.0	106.5		93.3	106.5	0.0	99.8
Pct Sample Weight	0.9	51.8	0.0	53.0		47.3	52.7	0.0	100.0

Section: 253 - ESPERANZA INLET
Samples: 1, 8, 10, 12, 130, 131, 132, 152, 156, 157, 164, 167, 169, 181, 187, 196, 197, 199, 202, 220, 221,

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	22	299	1139	469	165	40	12	5	0	149	2300
Percent at Age	0.0	1.0	13.9	53.0	21.8	7.7	1.9	0.6	0.2	0.0	0.0	100.0
Mean Length (mm)	0.0	169.7	184.4	197.0	201.9	209.4	213.9	224.1	228.4	0.0	197.1	197.5
Std Dev Length (mm)	0.0	14.5	10.0	8.5	7.9	7.9	7.9	8.4	12.4	0.0	12.8	11.6
Mean Weight (gm)	0.0	68.4	85.2	105.7	112.2	127.9	138.9	163.4	169.4	0.0	106.3	106.6
Std Dev Weight (gm)	0.0	17.4	15.1	16.5	15.8	18.7	20.5	19.8	25.8	0.0	23.1	21.1

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	1	1	103	1586	576	32	1	0	2300
Percent at Stage	0.0	0.0	0.0	4.5	69.0	25.0	1.4	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	83	1187	5	1275		1024	1275	1	2300
Percent at Maturity	6.5	93.1	0.4	100.0		44.5	55.4	0.0	100.0
Mean Weight (gm)	101.8	113.7	100.8	112.9		98.9	112.9	105.0	106.6
Pct Sample Weight	3.4	55.0	0.2	58.0		41.3	58.7	0.0	100.0

Table 12. (cont'd).

Section: 271 - OTHER AREA 27
Samples: 136, 137

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	2	31	102	51	2	5	3	0	0	4	200
Percent at Age	0.0	1.0	15.8	52.0	26.0	1.0	2.6	1.5	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	144.5	181.3	193.1	197.6	213.5	205.0	206.3	0.0	0.0	188.3	192.5
Std Dev Length (mm)	0.0	33.2	8.7	9.2	8.8	12.0	12.2	9.5	0.0	0.0	8.7	12.1
Mean Weight (gm)	0.0	48.0	81.5	98.7	103.1	137.0	122.8	116.3	0.0	0.0	90.3	97.7
Std Dev Weight (gm)	0.0	31.1	11.9	16.4	15.2	8.5	19.1	11.0	0.0	0.0	18.2	18.6

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	2	116	82	0	0	0	200
Percent at Stage	0.0	0.0	0.0	1.0	58.0	41.0	0.0	0.0	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	2	84	0	86		114	86	0	200
Percent at Maturity	2.3	97.7	0.0	100.0		57.0	43.0	0.0	100.0
Mean Weight (gm)	85.5	103.9	0.0	103.5		93.4	103.5	0.0	97.7
Pct Sample Weight	0.9	44.7	0.0	46.0		54.5	45.5	0.0	100.0

Section: 272 - BROOKS BAY
Samples: 89, 133

AGE COMPOSITION	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
No. at Age	0	3	52	107	25	2	1	0	0	0	10	200
Percent at Age	0.0	1.6	27.4	56.3	13.2	1.1	0.5	0.0	0.0	0.0	0.0	100.0
Mean Length (mm)	0.0	161.0	179.6	191.9	196.0	199.5	210.0	0.0	0.0	0.0	187.7	188.7
Std Dev Length (mm)	0.0	13.5	9.0	9.0	9.8	6.4	0.0	0.0	0.0	0.0	17.5	11.8
Mean Weight (gm)	0.0	59.0	81.6	103.9	109.6	120.5	152.0	0.0	0.0	0.0	96.2	98.1
Std Dev Weight (gm)	0.0	19.2	14.4	16.4	17.5	26.2	0.0	0.0	0.0	0.0	21.1	20.2

HJORT MATURITY STAGE	1	2	3	4	5	6	7	8	Unknown	Total
No. at Stage	0	0	0	1	110	72	14	3	0	200
Percent at Stage	0.0	0.0	0.0	0.5	55.0	36.0	7.0	1.5	0.0	100.0

ROE MATURITY	Immature	Mature	Spent	Total	SEX RATIO	Male	Female	Immat	Total
No. at Maturity	1	125	2	128		72	128	0	200
Percent at Maturity	0.8	97.7	1.6	100.0		36.0	64.0	0.0	100.0
Mean Weight (gm)	113.0	104.3	69.5	103.9		88.0	103.9	0.0	98.1
Pct Sample Weight	0.6	66.4	0.7	68.0		32.3	67.7	0.0	100.0

Table 13. Percent at age, mean length (mm) and mean weight (gm) at age by sample.

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
-7	143	6	29	Pct	0.0	5.9	22.4	52.9	16.5	1.2	1.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	153.4	176.2	188.9	192.4	199.0	212.0	0.0	0.0	0.0	180.5	184.3
				Wt	0.0	51.4	82.2	95.4	100.2	119.0	141.0	0.0	0.0	0.0	80.9	89.9
-6	143	6	29	Pct	0.0	23.0	43.7	25.3	3.4	4.6	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	146.6	168.6	175.5	182.3	188.0	0.0	0.0	0.0	0.0	163.6	166.2
				Wt	0.0	43.3	65.6	74.1	81.0	87.8	0.0	0.0	0.0	0.0	60.9	63.7
-5	143	1	29	Pct	0.0	28.9	31.3	24.1	10.8	4.8	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	139.3	174.3	186.9	197.0	195.0	0.0	0.0	0.0	0.0	162.2	169.2
				Wt	0.0	36.8	77.4	91.4	105.6	106.5	0.0	0.0	0.0	0.0	62.8	71.7
-4	143	6	29	Pct	0.0	3.7	40.7	39.5	13.6	2.5	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	143.7	178.5	187.9	192.9	192.0	0.0	0.0	0.0	0.0	177.9	182.2
				Wt	0.0	42.3	78.5	91.3	98.9	92.0	0.0	0.0	0.0	0.0	78.3	84.0
-3	143	6	29	Pct	0.0	4.5	40.9	34.1	20.5	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	160.5	174.2	187.1	196.8	0.0	0.0	0.0	0.0	0.0	167.4	174.1
				Wt	0.0	62.5	74.4	91.2	106.4	0.0	0.0	0.0	0.0	0.0	67.0	75.4
-2	181	6	29	Pct	0.0	1.2	17.4	53.5	22.1	5.8	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	145.0	175.9	187.8	193.7	203.0	0.0	0.0	0.0	0.0	181.0	186.5
				Wt	0.0	46.0	78.7	96.9	106.1	119.0	0.0	0.0	0.0	0.0	87.6	95.2
-1	172	6	29	Pct	0.0	4.7	29.4	44.7	17.6	2.4	1.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	154.3	181.7	191.4	195.9	203.0	195.0	0.0	0.0	0.0	174.9	185.9
				Wt	0.0	51.0	79.4	91.8	98.9	115.0	87.0	0.0	0.0	0.0	74.9	86.0
1	253	5	29	Pct	0.0	1.1	13.8	44.7	29.8	9.6	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	188.0	183.3	197.0	201.4	209.2	217.0	0.0	0.0	0.0	194.5	197.5
				Wt	0.0	93.0	78.2	102.3	108.9	113.0	142.0	0.0	0.0	0.0	88.0	101.4
2	142	5	29	Pct	0.0	1.1	20.2	41.5	28.7	4.3	4.3	0.0	0.0	0.0	0.0	100.0
				Len	0.0	166.0	174.2	185.7	188.7	192.8	206.0	0.0	0.0	0.0	186.8	185.3
				Wt	0.0	61.0	75.1	92.6	96.7	107.3	123.5	0.0	0.0	0.0	90.2	91.7
3	142	5	29	Pct	0.0	1.0	28.6	45.9	18.4	3.1	1.0	0.0	2.0	0.0	0.0	100.0
				Len	0.0	144.0	172.3	188.4	195.6	197.7	210.0	0.0	193.5	0.0	187.5	185.3
				Wt	0.0	48.0	69.9	88.2	98.1	102.3	97.0	0.0	103.0	0.0	93.0	85.3
4	232	5	29	Pct	0.0	2.2	40.0	36.7	16.7	2.2	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	172.0	181.5	192.2	201.5	204.5	208.0	0.0	0.0	0.0	187.5	189.4
				Wt	0.0	78.0	80.5	95.2	110.9	121.5	121.0	0.0	0.0	0.0	91.0	92.6
5	172	5	29	Pct	0.0	1.1	14.8	45.5	25.0	9.1	3.4	0.0	1.1	0.0	0.0	100.0
				Len	0.0	177.0	183.1	194.4	199.1	202.9	213.0	0.0	210.0	0.0	188.2	194.5
				Wt	0.0	61.0	77.6	99.4	104.0	112.9	123.3	0.0	124.0	0.0	89.8	98.1
6	243	5	29	Pct	0.0	8.9	34.4	40.0	12.2	3.3	0.0	0.0	1.1	0.0	0.0	100.0
				Len	0.0	165.0	179.1	195.4	201.0	200.3	0.0	0.0	226.0	0.0	184.6	187.9
				Wt	0.0	59.0	74.9	100.3	107.5	105.3	0.0	0.0	158.0	0.0	86.8	89.3
7	181	5	29	Pct	77.1	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	107.	115.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.8	111.7
				Wt	15.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2	17.9

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
8	253	5	29	Pct	0.0	1.1	11.8	52.7	23.7	7.5	2.2	1.1	0.0	0.0	0.0	100.0
				Len	0.0	185.0	188.2	199.0	202.8	212.0	217.0	224.0	0.0	0.0	202.6	200.3
				Wt	0.0	77.0	89.5	102.9	109.8	126.4	131.5	181.0	0.0	0.0	111.6	106.3
9	252	5	29	Pct	0.0	8.0	25.3	52.9	8.0	4.6	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	167.9	182.6	198.2	203.4	202.8	222.0	0.0	0.0	0.0	191.0	192.5
				Wt	0.0	63.6	83.1	109.7	117.9	105.5	155.0	0.0	0.0	0.0	99.2	100.1
10	253	5	29	Pct	0.0	0.0	17.4	59.8	16.3	4.3	1.1	1.1	0.0	0.0	0.0	100.0
				Len	0.0	0.0	185.5	199.0	203.5	210.5	213.0	236.0	0.0	0.0	194.1	198.1
				Wt	0.0	0.0	86.8	106.4	111.7	121.5	125.0	194.0	0.0	0.0	101.5	105.3
11	243	5	29	Pct	0.0	6.8	45.5	38.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	157.3	178.9	188.3	192.9	0.0	0.0	0.0	0.0	0.0	176.0	181.5
				Wt	0.0	58.2	84.2	99.7	105.4	0.0	0.0	0.0	0.0	0.0	82.2	89.4
12	253	5	29	Pct	0.0	0.0	11.1	54.4	27.8	5.6	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	194.2	198.6	201.4	206.8	201.0	0.0	0.0	0.0	203.0	199.7
				Wt	0.0	0.0	97.5	104.4	112.2	111.2	106.0	0.0	0.0	0.0	117.8	107.4
13	173	5	29	Pct	0.0	8.0	30.7	35.2	21.6	1.1	2.3	1.1	0.0	0.0	0.0	100.0
				Len	0.0	144.4	171.6	189.3	201.6	162.0	211.0	172.0	0.0	0.0	169.3	181.3
				Wt	0.0	42.6	67.3	91.7	103.2	57.0	138.5	76.0	0.0	0.0	65.8	81.2
14	172	5	29	Pct	0.0	4.8	35.7	27.4	22.6	8.3	1.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	159.3	171.3	186.6	197.9	203.0	194.0	0.0	0.0	0.0	185.6	184.1
				Wt	0.0	51.0	64.7	83.8	98.2	104.1	99.0	0.0	0.0	0.0	83.7	81.1
15	172	5	29	Pct	0.0	4.1	23.7	40.2	26.8	4.1	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	149.3	178.4	190.7	198.3	201.3	217.0	0.0	0.0	0.0	159.3	187.9
				Wt	0.0	38.5	63.5	76.9	85.7	89.0	107.0	0.0	0.0	0.0	52.0	74.6
16	142	5	29	Pct	0.0	10.3	38.1	33.0	12.4	6.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	154.7	170.1	178.2	187.8	194.0	0.0	0.0	0.0	0.0	193.0	175.4
				Wt	0.0	51.9	67.4	75.8	87.2	97.2	0.0	0.0	0.0	0.0	86.0	73.3
17	243	5	29	Pct	0.0	4.4	47.8	33.3	10.0	4.4	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.8	181.7	189.6	197.8	218.3	0.0	0.0	0.0	0.0	190.1	187.3
				Wt	0.0	77.3	87.3	98.3	110.0	157.3	0.0	0.0	0.0	0.0	98.9	96.2
18	142	5	29	Pct	0.0	1.1	28.0	48.4	17.2	3.2	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	149.0	178.5	189.6	196.2	198.3	201.0	0.0	0.0	0.0	193.4	188.1
				Wt	0.0	39.0	75.0	91.0	98.8	98.3	107.0	0.0	0.0	0.0	96.6	88.5
19	142	5	29	Pct	0.0	3.2	26.9	40.9	20.4	7.5	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	156.0	176.8	187.3	195.4	201.6	202.0	0.0	0.0	0.0	188.4	186.5
				Wt	0.0	51.7	75.0	87.4	100.7	118.1	110.0	0.0	0.0	0.0	90.4	88.3
20	173	5	29	Pct	0.0	25.6	30.0	28.9	11.1	4.4	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	143.1	170.6	183.8	194.4	200.5	0.0	0.0	0.0	0.0	164.2	170.6
				Wt	0.0	42.0	67.0	82.7	89.6	105.8	0.0	0.0	0.0	0.0	60.7	68.5
21	143	5	29	Pct	0.0	4.3	29.3	38.0	19.6	6.5	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	156.0	178.0	190.9	196.3	201.7	216.0	0.0	0.0	0.0	191.4	188.2
				Wt	0.0	49.8	73.1	88.3	96.3	109.5	136.0	0.0	0.0	0.0	86.9	86.2

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
22	143	5	29	Pct	0.0	3.2	27.7	40.4	20.2	6.4	1.1	1.1	0.0	0.0	0.0	100.0
				Len	0.0	147.7	178.7	191.2	197.7	202.8	206.0	199.0	0.0	0.0	181.3	188.2
				Wt	0.0	41.3	75.3	92.7	103.4	110.3	111.0	120.0	0.0	0.0	76.8	89.2
23	173	5	29	Pct	0.0	11.8	29.0	32.3	20.4	6.5	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	148.1	170.3	187.0	196.8	200.8	0.0	0.0	0.0	0.0	183.0	180.6
				Wt	0.0	44.3	66.6	86.2	100.1	103.8	0.0	0.0	0.0	0.0	85.6	79.9
24	143	5	29	Pct	0.0	5.4	22.6	34.4	22.6	7.5	5.4	0.0	2.2	0.0	0.0	100.0
				Len	0.0	171.0	182.3	194.3	199.3	200.7	209.6	0.0	211.0	0.0	198.4	193.5
				Wt	0.0	65.6	80.3	95.8	107.2	110.7	127.8	0.0	129.0	0.0	98.9	96.9
25	142	5	29	Pct	0.0	5.4	29.3	42.4	19.6	1.1	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	146.6	170.0	184.5	190.1	194.0	201.0	0.0	0.0	0.0	166.0	178.6
				Wt	0.0	46.0	66.1	85.2	94.6	110.0	113.5	0.0	0.0	0.0	62.0	78.7
26	142	5	29	Pct	0.0	0.0	16.1	46.2	28.0	7.5	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	183.4	193.5	202.6	197.7	206.0	0.0	0.0	0.0	196.6	195.1
				Wt	0.0	0.0	83.7	94.5	114.5	105.3	113.5	0.0	0.0	0.0	98.1	99.5
27	239	5	29	Pct	0.0	25.3	31.9	27.5	13.2	2.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	164.7	178.3	192.0	192.7	194.5	0.0	0.0	0.0	0.0	182.3	181.0
				Wt	0.0	64.3	78.6	101.0	101.6	92.0	0.0	0.0	0.0	0.0	84.8	84.5
28	232	5	29	Pct	0.0	31.2	31.2	30.1	5.4	2.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	165.4	176.0	194.6	196.0	203.5	0.0	0.0	0.0	0.0	172.9	179.4
				Wt	0.0	61.3	76.9	101.3	106.8	115.5	0.0	0.0	0.0	0.0	70.7	81.0
29	142	5	29	Pct	0.0	0.0	21.7	55.4	12.0	8.7	1.1	0.0	1.1	0.0	0.0	100.0
				Len	0.0	0.0	168.1	183.6	194.0	190.8	193.0	0.0	193.0	0.0	184.3	182.4
				Wt	0.0	0.0	67.1	88.4	107.6	106.6	106.0	0.0	100.0	0.0	86.3	87.8
30	143	5	29	Pct	0.0	28.1	42.7	21.9	5.2	2.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	163.3	176.3	185.3	186.2	188.0	0.0	0.0	0.0	0.0	181.8	175.6
				Wt	0.0	54.4	67.0	77.0	81.4	87.5	0.0	0.0	0.0	0.0	67.3	66.8
31	142	5	29	Pct	0.0	4.1	25.5	44.9	22.4	2.0	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	172.0	180.3	189.4	193.1	198.0	194.0	0.0	0.0	0.0	189.5	187.5
				Wt	0.0	59.0	80.3	89.2	92.1	104.5	93.0	0.0	0.0	0.0	90.0	86.8
32	142	5	29	Pct	0.0	1.1	26.1	37.0	30.4	5.4	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	156.0	183.5	182.5	194.3	198.8	0.0	0.0	0.0	0.0	188.8	187.1
				Wt	0.0	37.0	79.7	80.6	90.9	103.2	0.0	0.0	0.0	0.0	89.4	84.6
33	232	5	29	Pct	0.0	20.9	31.9	28.6	16.5	2.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	166.5	174.1	192.5	197.3	206.5	0.0	0.0	0.0	0.0	182.6	182.3
				Wt	0.0	59.7	74.9	96.5	106.5	117.5	0.0	0.0	0.0	0.0	79.6	83.7
34	232	5	29	Pct	0.0	20.2	46.1	21.3	11.2	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	160.6	169.0	183.9	194.4	206.0	0.0	0.0	0.0	0.0	172.9	173.7
				Wt	0.0	61.8	72.4	93.8	103.8	129.0	0.0	0.0	0.0	0.0	81.4	79.2
35	142	5	29	Pct	0.0	0.0	22.1	47.4	22.1	7.4	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	183.9	195.0	199.3	203.6	205.0	0.0	0.0	0.0	195.8	194.3
				Wt	0.0	0.0	83.3	96.2	105.4	116.4	126.0	0.0	0.0	0.0	101.2	97.4

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
36	243	5	29	Pct	0.0	4.3	42.6	45.7	6.4	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	162.8	180.9	191.1	195.2	214.0	0.0	0.0	0.0	0.0	204.0	187.2
				Wt	0.0	58.3	82.3	98.4	107.3	139.0	0.0	0.0	0.0	0.0	120.2	92.6
37	243	5	29	Pct	0.0	15.5	40.2	36.1	6.2	1.0	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	157.8	182.2	193.3	199.8	202.0	226.0	0.0	0.0	0.0	151.3	183.2
				Wt	0.0	57.3	82.8	99.1	106.5	113.0	173.0	0.0	0.0	0.0	50.3	86.3
38	142	5	29	Pct	0.0	3.1	25.5	44.9	22.4	3.1	0.0	0.0	1.0	0.0	0.0	100.0
				Len	0.0	156.3	178.8	187.5	197.8	201.0	0.0	0.0	209.0	0.0	198.5	187.5
				Wt	0.0	46.7	74.3	87.3	99.4	109.7	0.0	0.0	129.0	0.0	111.5	87.1
39	232	5	29	Pct	0.0	29.2	30.3	29.2	9.0	2.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	160.9	172.0	188.5	192.3	207.5	0.0	0.0	0.0	0.0	175.3	176.1
				Wt	0.0	60.3	77.6	99.4	107.1	126.0	0.0	0.0	0.0	0.0	79.7	82.3
40	142	5	29	Pct	0.0	2.2	31.2	45.2	17.2	2.2	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	181.0	178.2	187.0	194.9	195.0	201.0	0.0	0.0	0.0	178.3	185.4
				Wt	0.0	66.0	71.9	84.0	96.7	95.0	102.0	0.0	0.0	0.0	72.4	81.9
41	142	5	29	Pct	0.0	2.1	26.3	43.2	26.3	1.1	0.0	1.1	0.0	0.0	0.0	100.0
				Len	0.0	164.5	179.7	186.7	196.8	204.0	0.0	204.0	0.0	0.0	195.4	187.8
				Wt	0.0	60.5	74.7	89.1	101.2	125.0	0.0	109.0	0.0	0.0	99.4	89.1
42	142	5	29	Pct	0.0	1.0	21.6	45.4	19.6	7.2	5.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	180.0	178.9	190.2	199.7	202.6	200.0	0.0	0.0	0.0	191.7	190.9
				Wt	0.0	60.0	78.4	89.2	104.2	113.6	106.2	0.0	0.0	0.0	95.7	92.2
43	143	5	29	Pct	0.0	3.2	16.0	37.2	26.6	10.6	2.1	3.2	0.0	1.1	0.0	100.0
				Len	0.0	162.3	183.5	190.7	199.2	206.3	205.5	222.7	0.0	212.0	193.5	194.1
				Wt	0.0	54.3	88.8	93.3	107.5	124.2	121.0	137.3	0.0	132.0	102.2	100.9
44	232	5	29	Pct	0.0	30.5	36.8	23.2	9.5	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	161.9	174.3	187.6	196.7	0.0	0.0	0.0	0.0	0.0	175.0	175.7
				Wt	0.0	62.2	75.4	93.5	107.6	0.0	0.0	0.0	0.0	0.0	84.6	78.9
45	141	5	29	Pct	0.0	1.0	17.7	46.9	18.8	9.4	5.2	1.0	0.0	0.0	0.0	100.0
				Len	0.0	156.0	179.6	190.8	198.1	200.8	203.0	205.0	0.0	0.0	186.5	191.4
				Wt	0.0	46.0	77.6	90.1	99.6	112.9	106.2	109.0	0.0	0.0	85.0	92.1
46	141	5	29	Pct	0.0	3.1	34.7	51.0	9.2	1.0	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	156.3	170.0	184.7	197.0	204.0	162.0	0.0	0.0	0.0	189.5	180.0
				Wt	0.0	52.3	64.8	81.3	96.1	108.0	69.0	0.0	0.0	0.0	88.0	76.4
47	232	5	29	Pct	0.0	30.6	25.5	29.6	13.3	1.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	167.2	176.6	194.0	197.0	194.0	0.0	0.0	0.0	0.0	186.0	181.8
				Wt	0.0	64.4	72.5	100.4	103.1	87.0	0.0	0.0	0.0	0.0	92.0	82.7
48	191	5	29	Pct	0.0	8.7	30.4	31.5	23.9	3.3	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	162.3	180.1	193.4	198.6	206.0	212.5	0.0	0.0	0.0	176.0	187.7
				Wt	0.0	54.1	74.4	92.4	102.9	114.7	129.0	0.0	0.0	0.0	69.6	86.2
49	142	5	29	Pct	0.0	3.1	29.9	41.2	18.6	5.2	2.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	151.3	173.3	182.6	189.3	197.0	180.0	0.0	0.0	0.0	179.7	180.8
				Wt	0.0	54.7	72.9	89.7	95.6	119.2	79.5	0.0	0.0	0.0	82.3	85.9

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
50	025	4	29	Pct	0.0	71.9	3.1	17.7	3.1	3.1	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	161.3	158.7	196.4	194.7	211.3	225.0	0.0	0.0	0.0	178.0	171.0
				Wt	0.0	51.6	52.3	103.2	108.0	131.0	149.0	0.0	0.0	0.0	76.5	66.4
51	021	5	29	Pct	0.0	11.3	1.0	73.2	6.2	5.2	2.1	0.0	1.0	0.0	0.0	100.0
				Len	0.0	156.1	148.0	190.2	196.0	202.4	210.0	0.0	235.0	0.0	186.7	187.7
				Wt	0.0	48.0	36.0	99.2	102.7	128.4	159.0	0.0	184.0	0.0	96.3	96.6
52	021	5	29	Pct	0.0	62.0	7.6	23.9	5.4	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	162.2	175.1	187.1	192.4	214.0	0.0	0.0	0.0	0.0	173.1	171.5
				Wt	0.0	55.8	80.7	95.5	95.4	153.0	0.0	0.0	0.0	0.0	72.5	70.6
53	243	5	29	Pct	0.0	2.1	44.7	40.4	4.3	6.4	0.0	0.0	0.0	2.1	0.0	100.0
				Len	0.0	165.0	182.7	192.7	197.0	208.3	0.0	0.0	0.0	221.0	185.6	187.4
				Wt	0.0	62.0	85.6	100.7	103.5	125.7	0.0	0.0	0.0	127.0	88.4	91.7
54	025	5	29	Pct	0.0	11.1	1.1	66.7	13.3	4.4	1.1	1.1	1.1	0.0	0.0	100.0
				Len	0.0	159.0	175.0	190.9	196.1	203.8	207.0	214.0	224.0	0.0	197.6	190.1
				Wt	0.0	58.0	68.0	100.2	107.7	131.3	106.0	123.0	178.0	0.0	115.5	100.4
55	006	5	29	Pct	0.0	79.8	9.6	6.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	157.3	161.3	183.7	214.5	0.0	0.0	0.0	0.0	0.0	160.7	161.8
				Wt	0.0	47.8	51.9	89.7	152.0	0.0	0.0	0.0	0.0	0.0	50.5	55.0
56	025	5	29	Pct	0.0	23.9	2.2	62.0	4.3	1.1	4.3	1.1	1.1	0.0	0.0	100.0
				Len	0.0	160.0	168.5	192.7	193.5	223.0	209.3	222.0	239.0	0.0	179.0	185.7
				Wt	0.0	54.5	60.0	103.2	103.5	148.0	124.8	132.0	185.0	0.0	80.9	92.3
57	142	5	29	Pct	0.0	1.0	26.5	42.9	22.4	5.1	1.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	169.0	179.9	191.9	196.4	201.4	207.0	206.0	0.0	0.0	196.0	190.4
				Wt	0.0	60.0	77.0	94.9	97.1	108.2	125.0	139.0	0.0	0.0	96.5	91.8
58	021	5	29	Pct	0.0	2.2	3.3	65.6	16.7	5.6	3.3	3.3	0.0	0.0	0.0	100.0
				Len	0.0	165.0	173.0	193.5	200.4	217.0	203.0	212.0	0.0	0.0	180.7	194.1
				Wt	0.0	59.5	72.3	106.0	112.5	155.0	132.0	137.7	0.0	0.0	87.5	107.4
59	021	5	29	Pct	0.0	69.4	3.1	22.4	2.0	1.0	1.0	0.0	0.0	1.0	0.0	100.0
				Len	0.0	157.5	162.3	186.5	197.0	172.0	212.0	0.0	0.0	215.0	169.5	166.3
				Wt	0.0	52.9	61.0	93.7	117.5	85.0	130.0	0.0	0.0	157.0	74.0	66.0
60	243	5	29	Pct	0.0	7.2	41.2	38.1	12.4	1.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	173.3	181.5	198.4	198.6	198.0	0.0	0.0	0.0	0.0	177.0	189.3
				Wt	0.0	74.1	81.6	109.4	113.9	88.0	0.0	0.0	0.0	0.0	79.3	95.2
61	025	4	29	Pct	0.0	66.7	5.1	21.2	5.1	1.0	0.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	158.7	164.0	190.6	183.0	214.0	0.0	222.0	0.0	0.0	157.0	168.0
				Wt	0.0	51.4	60.2	99.3	93.4	146.0	0.0	158.0	0.0	0.0	53.0	66.0
62	132	5	29	Pct	86.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	98.7	113.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.0	97.5
				Wt	11.2	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	10.9
63	232	5	29	Pct	0.0	5.3	34.0	38.3	20.2	2.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	164.2	177.2	190.2	197.1	203.5	0.0	0.0	0.0	0.0	188.0	186.1
				Wt	0.0	56.6	74.8	93.4	105.3	107.0	0.0	0.0	0.0	0.0	87.5	87.8

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
64	232	5	29	Pct	0.0	1.3	10.4	46.8	31.2	7.8	1.3	1.3	0.0	0.0	0.0	100.0
				Len	0.0	167.0	184.8	193.6	201.1	205.0	218.0	220.0	0.0	0.0	187.4	194.2
				Wt	0.0	71.0	85.8	98.9	112.3	125.2	146.0	157.0	0.0	0.0	92.6	102.0
65	021	5	29	Pct	0.0	85.3	12.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	148.9	147.2	173.5	0.0	0.0	0.0	0.0	0.0	0.0	144.4	148.9
				Wt	0.0	38.7	38.8	69.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2	39.1
66	024	5	29	Pct	0.0	7.8	1.1	54.4	16.7	10.0	6.7	1.1	0.0	2.2	0.0	100.0
				Len	0.0	161.7	189.0	190.8	198.2	210.8	210.8	221.0	0.0	215.5	191.0	193.7
				Wt	0.0	58.7	90.0	106.5	119.4	137.3	153.8	161.0	0.0	170.5	107.6	112.5
67	025	5	29	Pct	0.0	33.0	3.2	41.5	11.7	1.1	5.3	3.2	1.1	0.0	0.0	100.0
				Len	0.0	162.6	161.0	196.0	206.5	213.0	209.2	224.7	220.0	0.0	184.3	187.0
				Wt	0.0	55.6	52.7	106.4	124.3	139.0	126.6	150.3	167.0	0.0	93.0	93.5
68	232	5	29	Pct	0.0	12.9	29.0	40.9	14.0	3.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	167.1	179.5	192.7	195.9	203.3	0.0	0.0	0.0	0.0	190.9	186.7
				Wt	0.0	62.4	81.1	98.0	101.8	113.7	0.0	0.0	0.0	0.0	94.0	89.8
69	232	5	29	Pct	0.0	4.9	25.9	35.8	28.4	3.7	1.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	159.0	167.5	188.0	192.9	190.3	202.0	0.0	0.0	0.0	179.6	182.3
				Wt	0.0	53.8	66.4	95.8	99.4	104.3	90.0	0.0	0.0	0.0	84.7	86.9
70	232	5	29	Pct	0.0	9.3	28.9	40.2	18.6	3.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	171.6	179.9	192.8	199.2	199.0	0.0	0.0	0.0	0.0	181.0	188.3
				Wt	0.0	63.8	78.8	98.2	114.4	120.3	0.0	0.0	0.0	0.0	82.3	92.8
71	142	5	29	Pct	0.0	2.1	32.3	43.8	14.6	6.3	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.5	173.3	186.7	198.2	199.8	213.0	0.0	0.0	0.0	180.0	184.6
				Wt	0.0	54.0	69.1	86.1	102.1	105.5	111.0	0.0	0.0	0.0	76.0	83.4
72	232	5	29	Pct	0.0	2.2	29.3	40.2	16.3	10.9	0.0	1.1	0.0	0.0	0.0	100.0
				Len	0.0	167.0	181.4	197.7	199.3	203.9	0.0	222.0	0.0	0.0	200.3	194.0
				Wt	0.0	64.0	81.6	107.4	109.2	122.9	0.0	178.0	0.0	0.0	108.6	102.2
73	142	5	29	Pct	0.0	1.1	25.0	44.6	21.7	6.5	0.0	1.1	0.0	0.0	0.0	100.0
				Len	0.0	140.0	177.6	190.9	197.8	192.2	0.0	207.0	0.0	0.0	190.8	188.9
				Wt	0.0	40.0	75.5	93.4	107.7	97.2	0.0	125.0	0.0	0.0	92.8	92.1
74	232	5	29	Pct	0.0	12.4	31.5	37.1	14.6	3.4	0.0	1.1	0.0	0.0	0.0	100.0
				Len	0.0	168.4	180.4	183.5	182.2	202.7	0.0	202.0	0.0	0.0	196.1	182.9
				Wt	0.0	68.5	88.8	91.5	92.7	121.7	0.0	112.0	0.0	0.0	110.3	91.5
75	232	5	29	Pct	0.0	23.8	33.3	31.0	9.5	1.2	0.0	1.2	0.0	0.0	0.0	100.0
				Len	0.0	164.4	175.5	188.5	190.8	195.0	0.0	213.0	0.0	0.0	185.1	180.0
				Wt	0.0	61.0	73.6	93.8	96.5	101.0	0.0	138.0	0.0	0.0	84.3	80.8
76	232	5	29	Pct	0.0	16.3	34.8	30.4	12.0	4.3	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	171.9	178.6	185.1	186.4	200.5	185.0	0.0	0.0	0.0	179.1	181.3
				Wt	0.0	73.3	80.7	88.3	87.5	112.5	94.5	0.0	0.0	0.0	78.5	83.8
77	243	5	29	Pct	0.0	2.2	44.6	42.4	5.4	3.3	0.0	1.1	1.1	0.0	0.0	100.0
				Len	0.0	179.5	182.8	190.8	192.2	201.3	0.0	215.0	186.0	0.0	181.1	187.1
				Wt	0.0	82.5	86.6	99.1	95.6	120.0	0.0	140.0	93.0	0.0	86.6	93.4

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
78	232	5	29	Pct	0.0	6.7	33.3	41.1	13.3	4.4	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.2	179.4	194.0	199.0	200.5	208.0	0.0	0.0	0.0	194.8	189.2
				Wt	0.0	67.8	81.1	102.3	118.5	116.3	115.0	0.0	0.0	0.0	97.8	96.1
79	232	5	29	Pct	0.0	7.5	24.7	40.9	20.4	3.2	3.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	164.9	179.4	190.0	191.6	197.7	198.3	0.0	0.0	0.0	190.3	186.6
				Wt	0.0	61.4	87.1	99.7	103.9	118.7	117.3	0.0	0.0	0.0	102.0	96.2
80	172	0	19	Pct	0.0	0.0	0.0	9.1	37.9	25.8	19.7	4.5	1.5	1.5	0.0	100.0
				Len	0.0	0.0	0.0	208.3	211.7	211.7	210.3	212.0	223.0	213.0	211.6	211.4
				Wt	0.0	0.0	0.0	121.0	128.4	128.4	123.8	139.3	102.0	135.0	128.2	127.4
81	142	0	19	Pct	0.0	0.0	1.1	28.0	38.7	22.6	6.5	1.1	2.2	0.0	0.0	100.0
				Len	0.0	0.0	189.0	202.3	205.5	209.0	214.3	198.0	213.0	0.0	209.7	206.1
				Wt	0.0	0.0	94.0	120.4	121.7	126.5	134.7	106.0	132.5	0.0	124.1	123.1
82	172	0	19	Pct	0.0	0.0	4.1	12.2	27.0	31.1	24.3	1.4	0.0	0.0	0.0	100.0
				Len	0.0	0.0	198.0	208.1	209.5	212.6	212.6	227.0	0.0	0.0	212.2	211.2
				Wt	0.0	0.0	103.3	125.2	130.5	135.0	133.3	169.0	0.0	0.0	134.2	132.1
83	072	0	29	Pct	0.0	0.0	2.2	73.3	8.9	3.3	7.8	0.0	3.3	1.1	0.0	100.0
				Len	0.0	0.0	169.5	189.8	193.4	198.7	203.6	0.0	223.7	205.0	185.9	191.7
				Wt	0.0	0.0	68.0	95.8	102.1	99.7	124.0	0.0	161.0	143.0	93.8	100.1
84	025	5	29	Pct	0.0	30.9	1.0	56.7	3.1	5.2	0.0	2.1	1.0	0.0	0.0	100.0
				Len	0.0	156.5	151.0	190.3	197.3	203.4	0.0	218.0	209.0	0.0	174.7	180.9
				Wt	0.0	53.6	47.0	104.1	113.7	122.8	0.0	164.5	116.0	0.0	81.7	90.3
85	172	0	29	Pct	0.0	2.3	28.7	43.7	14.9	5.7	4.6	0.0	0.0	0.0	0.0	100.0
				Len	0.0	157.0	177.8	190.2	195.0	206.0	204.0	0.0	0.0	0.0	179.8	187.0
				Wt	0.0	47.5	73.7	87.9	96.8	100.4	95.3	0.0	0.0	0.0	79.2	84.5
86	172	0	19	Pct	0.0	0.0	1.3	20.8	40.3	23.4	9.1	2.6	2.6	0.0	0.0	100.0
				Len	0.0	0.0	197.0	203.6	206.5	205.1	210.3	213.5	205.0	0.0	203.0	205.3
				Wt	0.0	0.0	119.0	121.8	121.1	123.5	133.4	125.0	120.0	0.0	120.7	122.4
87	173	0	19	Pct	0.0	0.0	0.0	30.6	43.5	21.0	3.2	1.6	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	203.1	206.5	210.6	211.0	214.0	0.0	0.0	203.7	205.5
				Wt	0.0	0.0	0.0	113.8	116.7	119.2	126.0	110.0	0.0	0.0	112.7	115.1
88	173	0	19	Pct	0.0	0.0	6.6	34.2	31.6	17.1	7.9	2.6	0.0	0.0	0.0	100.0
				Len	0.0	0.0	195.4	204.3	207.3	208.3	224.2	235.0	0.0	0.0	205.9	207.3
				Wt	0.0	0.0	98.6	112.0	114.9	119.3	146.5	143.5	0.0	0.0	114.5	116.3
89	272	5	29	Pct	0.0	0.0	20.0	63.2	13.7	2.1	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	177.3	189.6	192.9	199.5	210.0	0.0	0.0	0.0	182.4	187.7
				Wt	0.0	0.0	81.2	103.1	108.2	120.5	152.0	0.0	0.0	0.0	93.0	99.9
90	142	0	19	Pct	0.0	0.0	0.0	10.3	44.9	33.3	9.0	2.6	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	202.1	206.7	209.3	211.7	220.5	0.0	0.0	205.0	207.3
				Wt	0.0	0.0	0.0	116.3	121.8	129.0	135.9	130.5	0.0	0.0	122.2	124.5
91	142	0	19	Pct	0.0	0.0	1.3	28.6	29.9	29.9	9.1	1.3	0.0	0.0	0.0	100.0
				Len	0.0	0.0	188.0	203.6	204.7	209.3	206.0	217.0	0.0	0.0	201.2	204.8
				Wt	0.0	0.0	91.0	118.0	119.7	127.7	121.9	130.0	0.0	0.0	118.8	120.9

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
92	173	0	19	Pct	0.0	0.0	3.3	33.3	36.7	15.0	8.3	1.7	1.7	0.0	0.0	100.0
				Len	0.0	0.0	196.5	202.2	209.8	210.7	216.8	208.0	212.0	0.0	207.3	207.4
				Wt	0.0	0.0	101.5	109.2	123.2	126.0	133.6	105.0	126.0	0.0	117.6	118.4
93	173	0	19	Pct	0.0	0.0	7.1	22.6	46.4	16.7	7.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	198.3	202.8	206.9	211.1	209.3	0.0	0.0	0.0	203.8	205.9
				Wt	0.0	0.0	104.8	112.0	118.5	124.4	122.5	0.0	0.0	0.0	116.4	117.2
94	172	0	19	Pct	0.0	0.0	2.6	26.3	39.5	17.1	9.2	3.9	1.3	0.0	0.0	100.0
				Len	0.0	0.0	193.5	200.9	202.9	204.3	211.1	204.3	204.0	0.0	206.5	204.0
				Wt	0.0	0.0	105.5	119.9	122.4	126.4	136.3	132.7	123.0	0.0	128.4	124.8
95	172	0	19	Pct	0.0	0.0	0.0	24.2	25.8	28.8	19.7	0.0	1.5	0.0	0.0	100.0
				Len	0.0	0.0	0.0	202.9	207.4	210.1	213.7	0.0	225.0	0.0	206.8	208.0
				Wt	0.0	0.0	0.0	125.9	129.7	130.1	134.8	0.0	200.0	0.0	129.4	130.4
96	173	0	19	Pct	0.0	0.0	1.5	27.9	45.6	20.6	2.9	1.5	0.0	0.0	0.0	100.0
				Len	0.0	0.0	200.0	196.9	201.6	207.1	211.0	220.0	0.0	0.0	202.2	202.0
				Wt	0.0	0.0	111.0	104.3	113.2	117.5	124.5	147.0	0.0	0.0	114.2	113.0
97	172	0	19	Pct	0.0	0.0	0.0	22.1	35.1	36.4	3.9	0.0	2.6	0.0	0.0	100.0
				Len	0.0	0.0	0.0	206.0	208.3	213.6	217.7	0.0	220.0	0.0	211.7	210.7
				Wt	0.0	0.0	0.0	125.5	130.9	137.9	142.3	0.0	156.0	0.0	130.8	132.8
98	172	0	19	Pct	0.0	0.0	3.8	35.4	40.5	12.7	3.8	3.8	0.0	0.0	0.0	100.0
				Len	0.0	0.0	198.7	203.8	205.7	209.0	208.7	216.3	0.0	0.0	203.1	205.1
				Wt	0.0	0.0	108.3	115.5	119.3	117.7	123.3	146.3	0.0	0.0	118.0	118.4
99	172	0	19	Pct	0.0	0.0	0.0	9.7	44.4	20.8	15.3	5.6	4.2	0.0	0.0	100.0
				Len	0.0	0.0	0.0	201.9	206.7	205.1	212.9	208.3	218.0	0.0	204.6	206.6
				Wt	0.0	0.0	0.0	109.7	127.6	127.8	136.8	132.5	148.3	0.0	125.6	127.6
100	072	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	191.5	191.5
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.6	102.6
101	092	5	29	Pct	0.0	0.0	15.1	61.3	16.1	3.2	2.2	0.0	2.2	0.0	0.0	100.0
				Len	0.0	0.0	172.2	172.2	176.9	184.3	193.0	0.0	194.5	0.0	168.4	173.9
				Wt	0.0	0.0	70.4	66.8	72.0	81.0	100.5	0.0	102.0	0.0	62.6	69.6
102	085	5	29	Pct	0.0	0.0	3.1	55.2	31.3	2.1	5.2	3.1	0.0	0.0	0.0	100.0
				Len	0.0	0.0	161.7	176.6	183.8	197.0	193.4	200.3	0.0	0.0	169.8	180.0
				Wt	0.0	0.0	57.7	75.1	82.2	106.0	92.8	126.0	0.0	0.0	66.5	79.4
103	067	5	29	Pct	0.0	1.2	0.0	46.5	25.6	5.8	11.6	4.7	2.3	2.3	0.0	100.0
				Len	0.0	161.0	0.0	185.3	190.3	202.6	202.3	207.5	208.5	204.5	179.9	189.7
				Wt	0.0	54.0	0.0	90.6	98.5	116.0	120.8	138.5	158.0	116.0	81.9	98.8
104	085	5	29	Pct	0.0	1.1	19.3	46.6	15.9	4.5	6.8	2.3	2.3	1.1	0.0	100.0
				Len	0.0	129.0	167.8	181.2	184.9	188.3	201.2	204.5	202.5	205.0	181.1	181.5
				Wt	0.0	27.0	63.8	82.4	89.6	93.3	116.3	136.5	116.5	157.0	83.4	84.8
105	072	5	29	Pct	0.0	0.0	9.3	68.0	11.3	5.2	1.0	1.0	3.1	1.0	0.0	100.0
				Len	0.0	0.0	163.0	184.0	189.4	189.4	198.0	214.0	221.3	219.0	187.0	185.0
				Wt	0.0	0.0	65.3	94.1	101.1	102.8	119.0	147.0	175.3	167.0	101.0	96.9

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
106	074	5	29	Pct	0.0	0.0	4.1	72.2	16.5	2.1	1.0	2.1	2.1	0.0	0.0	100.0
				Len	0.0	0.0	178.5	188.2	189.5	210.0	220.0	204.5	220.5	0.0	185.7	189.7
				Wt	0.0	0.0	78.0	95.1	94.8	131.0	141.0	118.5	158.0	0.0	93.0	97.2
107	074	5	29	Pct	0.0	0.0	9.3	67.0	12.4	3.1	5.2	2.1	1.0	0.0	0.0	100.0
				Len	0.0	0.0	173.4	189.7	192.3	205.3	207.0	208.0	206.0	0.0	186.0	190.3
				Wt	0.0	0.0	77.3	96.6	96.8	120.7	126.6	123.5	122.0	0.0	95.0	97.9
108	076	5	29	Pct	0.0	0.0	6.3	49.0	19.8	8.3	8.3	5.2	2.1	1.0	0.0	100.0
				Len	0.0	0.0	166.3	179.8	184.1	193.1	195.6	198.0	206.5	204.0	189.8	184.2
				Wt	0.0	0.0	64.0	84.1	88.1	97.6	106.0	107.4	126.0	156.0	103.5	90.0
109	074	5	29	Pct	0.0	2.2	15.4	69.2	6.6	1.1	2.2	1.1	1.1	1.1	0.0	100.0
				Len	0.0	149.5	162.9	180.3	184.0	201.0	194.0	210.0	196.0	222.0	186.8	179.4
				Wt	0.0	45.5	63.2	88.3	92.0	132.0	134.5	143.0	132.0	189.0	97.2	88.3
110	072	5	29	Pct	0.0	0.0	8.1	56.6	22.2	3.0	5.1	1.0	4.0	0.0	0.0	100.0
				Len	0.0	0.0	164.3	183.9	189.5	206.7	205.0	219.0	207.0	0.0	188.0	186.6
				Wt	0.0	0.0	64.8	91.3	99.8	124.3	124.4	160.0	131.8	0.0	84.0	95.9
111	074	5	29	Pct	0.0	2.0	8.2	71.4	11.2	2.0	4.1	1.0	0.0	0.0	0.0	100.0
				Len	0.0	158.5	169.5	185.6	193.6	211.0	204.5	242.0	0.0	0.0	178.0	186.3
				Wt	0.0	53.0	71.1	91.5	102.9	123.5	117.5	174.0	0.0	0.0	89.5	92.8
112	067	5	29	Pct	0.0	1.1	5.3	48.9	20.2	4.3	11.7	4.3	3.2	0.0	0.0	100.0
				Len	0.0	174.0	190.8	184.0	191.2	196.8	198.0	213.5	191.3	0.0	177.0	189.0
				Wt	0.0	79.0	95.8	88.4	103.9	114.8	113.0	133.8	101.0	0.0	80.7	98.1
113	077	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.8	185.8
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.8	90.8
114	067	5	29	Pct	0.0	2.2	3.2	64.5	5.4	3.2	8.6	6.5	5.4	1.1	0.0	100.0
				Len	0.0	156.5	167.3	178.6	194.6	202.7	199.1	202.0	209.2	208.0	194.1	185.3
				Wt	0.0	50.5	65.7	84.1	106.2	123.0	119.6	125.2	126.6	127.0	109.1	94.8
115	077	5	29	Pct	0.0	4.5	10.1	60.7	9.0	6.7	2.2	1.1	4.5	1.1	0.0	100.0
				Len	0.0	148.8	165.4	181.6	183.8	197.8	205.0	209.0	202.8	205.0	181.9	181.9
				Wt	0.0	45.3	62.6	86.8	93.8	113.0	120.5	112.0	123.5	134.0	87.7	88.0
116	077	5	29	Pct	0.0	2.0	7.1	54.1	17.3	5.1	3.1	1.0	9.2	1.0	0.0	100.0
				Len	0.0	158.5	168.7	180.6	190.5	198.4	209.0	186.0	209.7	224.0	194.0	186.1
				Wt	0.0	51.5	67.4	88.4	100.2	119.0	135.0	89.0	136.4	157.0	97.5	96.3
117	074	5	29	Pct	0.0	1.0	6.1	77.6	10.2	3.1	2.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	151.0	176.0	189.1	192.3	203.7	207.0	0.0	0.0	0.0	187.5	189.0
				Wt	0.0	44.0	68.7	96.7	103.7	121.3	126.0	0.0	0.0	0.0	95.5	96.5
118	078	5	29	Pct	0.0	1.1	7.4	73.4	9.6	1.1	1.1	3.2	1.1	2.1	0.0	100.0
				Len	0.0	162.0	172.6	186.9	188.3	206.0	205.0	215.0	211.0	221.0	193.3	188.3
				Wt	0.0	58.0	70.7	94.8	100.0	129.0	153.0	152.0	127.0	165.5	106.5	98.3
119	077	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.6	176.6
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.4	81.4

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
120	072	5	29	Pct	0.0	6.1	5.1	59.2	18.4	3.1	5.1	2.0	1.0	0.0	0.0	100.0
				Len	0.0	151.8	169.0	183.4	179.1	197.0	206.8	204.0	188.0	0.0	154.5	181.4
				Wt	0.0	46.7	67.8	93.7	85.6	126.3	135.8	126.5	95.0	0.0	51.0	91.0
121	074	5	29	Pct	0.0	0.0	10.1	62.6	18.2	0.0	6.1	2.0	1.0	0.0	0.0	100.0
				Len	0.0	0.0	171.9	187.1	193.6	0.0	217.3	221.0	215.0	0.0	175.0	189.4
				Wt	0.0	0.0	74.9	97.0	104.7	0.0	157.3	157.5	156.0	0.0	83.0	101.4
122	102	5	29	Pct	0.0	6.3	20.8	55.2	12.5	2.1	2.1	1.0	0.0	0.0	0.0	100.0
				Len	0.0	144.3	164.6	169.2	181.0	202.0	178.0	178.0	0.0	0.0	170.3	169.2
				Wt	0.0	35.5	55.6	61.0	79.9	103.5	74.5	84.0	0.0	0.0	68.5	62.3
123	072	5	29	Pct	0.0	1.1	3.2	66.0	20.2	5.3	3.2	0.0	1.1	0.0	0.0	100.0
				Len	0.0	156.0	172.0	185.1	191.8	190.0	207.3	0.0	202.0	0.0	175.2	186.2
				Wt	0.0	48.0	71.7	91.6	102.9	100.0	129.7	0.0	113.0	0.0	81.2	93.9
124	072	5	29	Pct	0.0	3.1	5.1	53.1	28.6	6.1	1.0	2.0	1.0	0.0	0.0	100.0
				Len	0.0	159.7	176.6	184.0	187.4	200.7	211.0	206.5	226.0	0.0	157.5	185.4
				Wt	0.0	57.7	79.6	92.7	94.9	121.5	135.0	117.5	173.0	0.0	57.5	94.4
125	077	5	29	Pct	0.0	0.0	5.1	61.2	19.4	6.1	5.1	2.0	1.0	0.0	0.0	100.0
				Len	0.0	0.0	163.0	181.8	186.0	205.3	205.0	215.0	209.0	0.0	177.0	185.1
				Wt	0.0	0.0	61.0	86.5	94.3	132.8	121.0	141.0	118.0	0.0	80.0	92.5
126	074	5	29	Pct	0.0	1.1	7.4	70.5	12.6	2.1	3.2	2.1	1.1	0.0	0.0	100.0
				Len	0.0	162.0	178.9	188.1	195.0	195.0	219.0	217.0	217.0	0.0	189.0	190.0
				Wt	0.0	62.0	79.3	94.3	101.3	100.5	148.3	133.0	150.0	0.0	91.2	96.7
127	074	5	29	Pct	0.0	2.1	4.1	70.1	13.4	4.1	2.1	2.1	2.1	0.0	0.0	100.0
				Len	0.0	149.5	184.8	188.2	197.0	204.5	212.0	221.0	224.5	0.0	192.0	191.1
				Wt	0.0	44.5	83.3	95.9	110.2	120.8	138.5	169.5	170.0	0.0	102.3	101.2
128	077	5	29	Pct	0.0	1.1	2.2	63.0	21.7	1.1	5.4	1.1	4.3	0.0	0.0	100.0
				Len	0.0	163.0	150.0	183.1	186.9	206.0	209.2	214.0	210.8	0.0	190.5	186.6
				Wt	0.0	50.0	45.5	84.9	91.8	124.0	137.8	151.0	151.5	0.0	95.4	92.4
129	077	5	29	Pct	0.0	1.1	6.5	53.8	26.9	5.4	2.2	1.1	2.2	1.1	0.0	100.0
				Len	0.0	144.0	163.0	179.5	183.8	201.8	206.5	198.0	195.5	205.0	183.0	181.9
				Wt	0.0	44.0	61.7	81.6	89.6	117.2	130.5	125.0	106.0	128.0	85.1	86.4
130	253	5	29	Pct	0.0	2.2	16.3	54.3	26.1	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	152.5	180.3	190.5	198.5	180.0	0.0	0.0	0.0	0.0	188.9	189.9
				Wt	0.0	50.5	80.1	96.5	106.3	86.0	0.0	0.0	0.0	0.0	98.6	95.5
131	253	5	29	Pct	0.0	2.0	18.4	54.1	19.4	5.1	0.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	180.0	181.6	197.4	202.2	216.4	0.0	222.0	0.0	0.0	178.5	195.9
				Wt	0.0	73.5	82.5	106.5	116.2	141.8	0.0	146.0	0.0	0.0	85.5	105.1
132	253	5	29	Pct	0.0	0.0	17.0	51.1	25.5	4.3	2.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	179.9	196.1	204.3	207.5	209.5	0.0	0.0	0.0	191.8	196.0
				Wt	0.0	0.0	78.0	101.3	111.7	133.3	139.5	0.0	0.0	0.0	95.0	101.7
133	272	5	29	Pct	0.0	3.2	34.7	49.5	12.6	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	161.0	180.9	194.8	199.3	0.0	0.0	0.0	0.0	0.0	193.0	189.6
				Wt	0.0	59.0	81.9	104.9	111.1	0.0	0.0	0.0	0.0	0.0	99.4	96.4

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
134	074	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.3	181.3
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.8	88.8
135	067	5	29	Pct	0.0	1.0	4.1	64.9	15.5	0.0	6.2	3.1	3.1	2.1	0.0	100.0
				Len	0.0	134.0	176.5	178.7	185.7	0.0	198.0	208.3	194.7	202.5	180.7	182.3
				Wt	0.0	28.0	79.3	84.0	94.9	0.0	113.8	127.0	121.0	125.5	82.3	89.8
136	271	5	29	Pct	0.0	0.0	11.3	54.6	27.8	1.0	3.1	2.1	0.0	0.0	0.0	100.0
				Len	0.0	0.0	181.2	194.2	197.0	205.0	196.7	210.0	0.0	0.0	186.0	193.8
				Wt	0.0	0.0	83.5	101.7	104.0	131.0	115.3	122.0	0.0	0.0	87.0	101.0
137	271	5	29	Pct	0.0	2.0	20.2	49.5	24.2	1.0	2.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	144.5	181.3	191.8	198.2	222.0	217.5	199.0	0.0	0.0	195.0	191.2
				Wt	0.0	48.0	80.3	95.5	102.0	143.0	134.0	105.0	0.0	0.0	100.0	94.5
138	072	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189.0	189.0
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.4	98.4
139	232	2	21	Pct	0.0	19.6	36.1	27.8	11.3	5.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	166.0	176.9	191.0	195.5	196.4	0.0	0.0	0.0	0.0	170.3	181.5
				Wt	0.0	66.8	79.3	100.7	106.8	109.2	0.0	0.0	0.0	0.0	61.0	86.7
140	172	0	29	Pct	0.0	1.1	24.5	45.7	20.2	4.3	3.2	1.1	0.0	0.0	0.0	100.0
				Len	0.0	152.0	178.6	190.5	194.2	204.5	201.7	198.0	0.0	0.0	170.3	187.8
				Wt	0.0	44.0	76.7	92.1	95.6	106.8	107.7	110.0	0.0	0.0	67.0	88.5
141	172	0	29	Pct	0.0	0.0	19.4	43.0	25.8	9.7	1.1	1.1	0.0	0.0	0.0	100.0
				Len	0.0	0.0	180.9	191.5	197.5	206.0	203.0	212.0	0.0	0.0	189.1	192.5
				Wt	0.0	0.0	77.8	92.4	98.0	116.4	104.0	143.0	0.0	0.0	87.7	93.6
142	172	0	29	Pct	0.0	1.1	12.4	47.2	31.5	5.6	0.0	2.2	0.0	0.0	0.0	100.0
				Len	0.0	184.0	176.2	192.4	195.5	201.0	0.0	212.0	0.0	0.0	179.0	190.7
				Wt	0.0	73.0	69.2	87.5	95.9	104.4	0.0	124.0	0.0	0.0	75.4	88.0
143	072	0	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.7	190.7
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.8	98.8
144	085	5	29	Pct	0.0	1.0	12.5	57.3	21.9	3.1	3.1	0.0	1.0	0.0	0.0	100.0
				Len	0.0	127.0	168.9	181.5	188.0	183.7	201.0	0.0	176.0	0.0	181.5	181.4
				Wt	0.0	20.0	65.6	81.4	92.0	83.7	115.7	0.0	65.0	0.0	85.5	82.2
145	085	5	29	Pct	0.0	1.0	14.6	57.3	12.5	6.3	4.2	4.2	0.0	0.0	0.0	100.0
				Len	0.0	162.0	169.1	180.1	183.5	193.7	200.3	219.5	0.0	0.0	178.8	181.9
				Wt	0.0	51.0	70.5	86.3	90.0	106.3	122.0	166.5	0.0	0.0	86.0	90.0
146	172	0	29	Pct	0.0	7.2	28.9	37.1	21.6	4.1	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	164.4	174.2	188.6	194.6	205.8	203.0	0.0	0.0	0.0	172.0	184.5
				Wt	0.0	57.3	71.1	88.7	99.3	119.0	105.0	0.0	0.0	0.0	68.3	84.6
147	172	0	29	Pct	0.0	2.2	36.3	39.6	16.5	5.5	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	164.0	177.7	191.7	195.3	203.8	0.0	0.0	0.0	0.0	183.7	187.0
				Wt	0.0	47.0	73.0	90.3	94.8	109.2	0.0	0.0	0.0	0.0	80.7	84.5

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
148	172	0	29	Pct	0.0	1.2	20.0	42.4	23.5	9.4	1.2	1.2	1.2	0.0	0.0	100.0
				Len	0.0	160.0	181.6	197.0	198.8	207.6	196.0	221.0	231.0	0.0	181.3	193.4
				Wt	0.0	45.0	78.0	97.8	103.4	119.6	101.0	147.0	152.0	0.0	79.7	95.1
149	074	0	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.2	183.2
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.8	91.8
150	072	5	29	Pct	0.0	1.0	3.0	70.7	17.2	3.0	1.0	0.0	4.0	0.0	0.0	100.0
				Len	0.0	140.0	176.0	186.3	188.2	191.7	190.0	0.0	207.0	0.0	185.0	186.9
				Wt	0.0	37.0	85.7	99.2	103.5	105.0	91.0	0.0	139.3	0.0	98.0	100.6
151	072	5	29	Pct	0.0	0.0	4.3	71.0	11.8	4.3	3.2	3.2	1.1	1.1	0.0	100.0
				Len	0.0	0.0	184.8	190.0	190.5	194.3	213.3	212.0	223.0	220.0	180.7	191.4
				Wt	0.0	0.0	87.8	101.6	98.3	103.3	137.3	132.7	141.0	164.0	87.9	102.8
152	253	5	29	Pct	0.0	0.0	7.2	51.5	26.8	10.3	3.1	1.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	178.1	197.3	199.5	211.2	210.7	205.0	0.0	0.0	192.3	198.3
				Wt	0.0	0.0	76.7	106.5	105.2	125.5	121.3	161.0	0.0	0.0	95.3	106.6
153	262	2	21	Pct	0.0	5.5	14.3	63.7	9.9	5.5	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	172.2	182.4	196.4	203.1	208.0	219.0	0.0	0.0	0.0	182.0	193.5
				Wt	0.0	70.4	87.1	105.0	117.9	121.8	147.0	0.0	0.0	0.0	86.9	101.7
154	072	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.4	190.4
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108.8	108.8
155	253	2	21	Pct	0.0	3.2	23.2	49.5	21.1	3.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	160.0	184.6	194.0	201.6	207.0	0.0	0.0	0.0	0.0	184.4	192.4
				Wt	0.0	62.7	87.3	102.5	114.1	123.7	0.0	0.0	0.0	0.0	92.8	100.4
156	253	5	29	Pct	0.0	2.2	24.2	46.2	19.8	4.4	2.2	1.1	0.0	0.0	0.0	100.0
				Len	0.0	170.5	183.6	197.8	200.3	210.5	204.0	230.0	0.0	0.0	190.4	194.9
				Wt	0.0	75.0	82.9	104.8	110.6	135.5	126.5	181.0	0.0	0.0	94.3	101.9
157	253	5	29	Pct	0.0	1.1	6.7	54.4	18.9	12.2	5.6	1.1	0.0	0.0	0.0	100.0
				Len	0.0	151.0	187.2	195.4	205.2	210.3	209.4	226.0	0.0	0.0	200.5	199.3
				Wt	0.0	46.0	89.7	102.9	115.9	127.4	125.8	172.0	0.0	0.0	108.8	108.9
158	232	2	21	Pct	0.0	27.3	38.6	22.7	8.0	3.4	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	160.6	175.1	186.1	194.1	200.0	0.0	0.0	0.0	0.0	182.1	176.7
				Wt	0.0	57.1	77.0	93.7	104.3	115.7	0.0	0.0	0.0	0.0	83.1	79.4
159	092	5	29	Pct	0.0	3.0	14.1	64.6	14.1	0.0	3.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	149.7	160.4	169.4	174.4	0.0	184.0	184.0	0.0	0.0	173.0	168.8
				Wt	0.0	49.0	55.9	68.8	75.2	0.0	84.3	81.0	0.0	0.0	71.0	67.9
160	253	2	21	Pct	0.0	1.1	11.6	55.8	20.0	8.4	2.1	0.0	0.0	1.1	0.0	100.0
				Len	0.0	156.0	178.2	195.2	200.7	211.1	222.5	0.0	0.0	233.0	205.4	196.7
				Wt	0.0	48.0	65.7	84.9	89.2	99.0	126.0	0.0	0.0	123.0	99.2	86.3
161	252	5	29	Pct	0.0	1.0	27.8	49.5	15.5	4.1	1.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	145.0	179.4	193.5	202.3	207.8	194.0	217.0	0.0	0.0	190.3	191.3
				Wt	0.0	40.0	79.0	99.7	112.0	131.3	108.0	155.0	0.0	0.0	103.7	97.2

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
162	072	2	21	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188.0	188.0
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.3	97.3
163	092	2	21	Pct	0.0	3.1	15.6	60.4	14.6	2.1	3.1	0.0	0.0	1.0	0.0	100.0
				Len	0.0	151.0	164.7	167.3	171.6	168.0	189.7	0.0	0.0	194.0	173.5	168.2
				Wt	0.0	46.0	60.5	61.7	68.0	64.5	85.7	0.0	0.0	103.0	68.5	63.4
164	253	5	29	Pct	0.0	3.2	11.7	53.2	20.2	8.5	1.1	1.1	1.1	0.0	0.0	100.0
				Len	0.0	161.3	180.3	194.9	200.3	208.9	211.0	219.0	245.0	0.0	205.8	196.0
				Wt	0.0	63.0	83.0	106.8	113.0	136.0	158.0	168.0	211.0	0.0	129.0	109.9
165	072	2	21	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	186.9	186.9
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.4	97.4
166	252	5	29	Pct	0.0	5.5	27.5	44.0	17.6	3.3	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	172.6	181.0	195.6	203.8	197.7	205.0	0.0	0.0	0.0	189.4	191.8
				Wt	0.0	73.8	81.2	104.3	116.9	103.0	127.5	0.0	0.0	0.0	98.0	98.9
167	253	5	29	Pct	0.0	1.1	11.4	64.8	13.6	4.5	3.4	1.1	0.0	0.0	0.0	100.0
				Len	0.0	181.0	184.7	199.0	204.3	204.5	216.0	223.0	0.0	0.0	202.4	199.4
				Wt	0.0	86.0	79.9	110.4	117.1	121.3	143.0	123.0	0.0	0.0	115.8	110.1
168	252	5	29	Pct	0.0	1.1	28.1	43.8	21.3	3.4	0.0	1.1	1.1	0.0	0.0	100.0
				Len	0.0	166.0	180.5	194.3	201.6	207.3	0.0	223.0	237.0	0.0	188.9	192.5
				Wt	0.0	68.0	82.8	105.0	119.8	129.7	0.0	150.0	209.0	0.0	94.9	103.0
169	253	5	29	Pct	0.0	0.0	6.3	51.0	24.0	13.5	4.2	1.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	181.5	198.3	199.6	210.2	217.5	218.0	0.0	0.0	196.8	200.0
				Wt	0.0	0.0	85.8	114.8	118.5	143.2	150.5	168.0	0.0	0.0	108.3	119.3
170	042	5	29	Pct	0.0	1.0	1.0	65.3	18.4	12.2	1.0	1.0	0.0	0.0	0.0	100.0
				Len	0.0	151.0	183.0	178.9	185.7	196.8	204.0	206.0	0.0	0.0	182.0	182.6
				Wt	0.0	40.0	84.0	76.5	85.1	106.8	116.0	110.0	0.0	0.0	81.5	82.2
171	003	5	29	Pct	0.0	1.0	5.2	76.3	10.3	3.1	3.1	0.0	0.0	1.0	0.0	100.0
				Len	0.0	152.0	182.8	205.7	205.7	232.3	230.0	0.0	0.0	255.0	194.3	205.7
				Wt	0.0	47.0	85.8	132.5	136.8	196.7	187.7	0.0	0.0	239.0	140.5	134.6
172	042	5	29	Pct	0.0	2.1	4.2	70.5	8.4	12.6	1.1	0.0	1.1	0.0	0.0	100.0
				Len	0.0	162.0	163.0	178.9	192.4	191.4	214.0	0.0	221.0	0.0	180.4	181.3
				Wt	0.0	46.0	57.8	76.5	92.8	96.4	131.0	0.0	143.0	0.0	77.8	80.1
173	253	2	21	Pct	0.0	8.7	29.3	43.5	10.9	4.3	3.3	0.0	0.0	0.0	0.0	100.0
				Len	0.0	149.4	180.2	195.5	198.6	207.5	223.0	0.0	0.0	0.0	199.6	189.6
				Wt	0.0	42.6	67.3	85.0	86.2	104.3	120.7	0.0	0.0	0.0	89.6	79.2
174	003	5	29	Pct	0.0	11.6	15.8	65.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	165.6	188.8	202.2	207.9	0.0	0.0	0.0	0.0	0.0	203.2	196.6
				Wt	0.0	62.7	96.5	123.0	139.7	0.0	0.0	0.0	0.0	0.0	126.2	113.7
175	004	5	29	Pct	0.0	86.6	2.1	10.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	156.7	173.5	181.9	201.0	0.0	0.0	0.0	0.0	0.0	155.3	160.0
				Wt	0.0	53.1	83.0	83.8	112.0	0.0	0.0	0.0	0.0	0.0	51.3	57.3

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
176	033	5	29	Pct	0.0	1.1	3.4	72.4	11.5	9.2	2.3	0.0	0.0	0.0	0.0	100.0
				Len	0.0	175.0	163.0	174.3	181.2	191.0	191.0	0.0	0.0	0.0	174.9	176.4
				Wt	0.0	72.0	53.0	68.7	75.5	86.0	83.0	0.0	0.0	0.0	69.7	70.7
177	042	5	29	Pct	0.0	0.0	4.4	56.0	20.9	9.9	6.6	1.1	1.1	0.0	0.0	100.0
				Len	0.0	0.0	162.3	181.2	191.9	196.7	198.0	226.0	236.0	0.0	187.0	186.4
				Wt	0.0	0.0	54.3	80.7	95.7	102.4	110.3	171.0	186.0	0.0	88.1	88.9
178	002	5	29	Pct	0.0	1.1	8.5	73.4	6.4	3.2	4.3	2.1	0.0	1.1	0.0	100.0
				Len	0.0	175.0	199.4	209.8	216.3	213.3	231.8	247.0	0.0	237.0	218.8	211.5
				Wt	0.0	65.0	111.0	140.4	158.5	143.3	201.5	246.0	0.0	208.0	161.7	145.0
179	005	5	29	Pct	0.0	24.2	1.1	64.8	6.6	2.2	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	160.4	184.0	198.1	198.7	207.5	237.0	0.0	0.0	0.0	194.8	190.0
				Wt	0.0	60.0	88.0	121.2	113.2	153.0	259.0	0.0	0.0	0.0	117.4	108.6
180	085	2	21	Pct	0.0	0.0	10.2	60.2	16.3	5.1	2.0	2.0	3.1	1.0	0.0	100.0
				Len	0.0	0.0	171.4	182.3	187.7	190.0	198.5	209.0	210.0	210.0	191.0	184.6
				Wt	0.0	0.0	66.9	85.2	94.2	95.0	105.0	130.0	140.0	136.0	94.5	88.9
181	253	5	29	Pct	0.0	0.0	17.0	55.0	17.0	7.0	2.0	1.0	1.0	0.0	0.0	100.0
				Len	0.0	0.0	187.5	200.8	201.7	214.0	223.5	235.0	238.0	0.0	0.0	200.8
				Wt	0.0	0.0	86.2	108.4	107.2	121.3	133.0	174.0	175.0	0.0	0.0	107.2
182	085	2	21	Pct	0.0	4.2	5.3	60.0	17.9	6.3	3.2	1.1	2.1	0.0	0.0	100.0
				Len	0.0	154.5	160.8	179.3	185.9	201.5	195.7	201.0	188.5	0.0	171.2	180.3
				Wt	0.0	54.5	55.6	78.3	89.5	107.5	95.0	105.0	92.0	0.0	67.8	80.4
183	077	2	21	Pct	0.0	1.1	6.5	57.0	18.3	5.4	7.5	1.1	2.2	1.1	0.0	100.0
				Len	0.0	151.0	160.8	180.2	185.2	193.0	203.6	188.0	212.0	215.0	188.6	183.5
				Wt	0.0	50.0	61.7	83.3	91.1	110.8	130.3	108.0	151.5	153.0	99.4	91.1
184	232	2	21	Pct	0.0	21.7	37.3	31.3	8.4	1.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	164.3	177.3	189.6	193.9	185.0	0.0	0.0	0.0	0.0	177.4	179.4
				Wt	0.0	61.6	78.9	99.7	105.7	92.0	0.0	0.0	0.0	0.0	78.4	83.1
185	074	2	21	Pct	0.0	5.1	11.2	70.4	12.2	0.0	0.0	0.0	1.0	0.0	0.0	100.0
				Len	0.0	157.6	169.8	179.9	175.8	0.0	0.0	0.0	201.0	0.0	183.5	177.4
				Wt	0.0	50.8	69.1	81.1	75.3	0.0	0.0	0.0	107.0	0.0	79.0	77.8
186	261	2	21	Pct	0.0	2.1	17.0	56.4	18.1	5.3	0.0	1.1	0.0	0.0	0.0	100.0
				Len	0.0	177.5	181.8	197.9	200.0	215.6	0.0	235.0	0.0	0.0	190.3	196.1
				Wt	0.0	75.0	83.8	110.8	114.5	142.8	0.0	186.0	0.0	0.0	99.8	108.1
187	253	5	29	Pct	0.0	0.0	21.5	51.6	21.5	3.2	0.0	1.1	1.1	0.0	0.0	100.0
				Len	0.0	0.0	182.0	194.3	196.4	201.3	0.0	230.0	217.0	0.0	189.3	192.7
				Wt	0.0	0.0	81.6	101.1	103.2	117.0	0.0	149.0	148.0	0.0	93.0	98.5
188	072	2	21	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.6	179.6
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0	81.0
189	052	5	29	Pct	0.0	1.1	1.1	73.1	10.8	6.5	7.5	0.0	0.0	0.0	0.0	100.0
				Len	0.0	180.0	176.0	185.1	189.6	190.3	203.9	0.0	0.0	0.0	182.9	186.9
				Wt	0.0	84.0	74.0	90.2	93.1	99.8	115.0	0.0	0.0	0.0	82.3	92.0

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
190	253	2	21	Pct	0.0	3.1	20.6	52.6	16.5	4.1	2.1	1.0	0.0	0.0	0.0	100.0
				Len	0.0	161.7	178.6	194.0	201.1	207.5	204.0	216.0	0.0	0.0	198.3	192.2
				Wt	0.0	52.0	64.8	78.4	88.7	100.5	91.0	114.0	0.0	0.0	98.0	78.6
191	052	5	29	Pct	0.0	2.0	3.0	70.7	9.1	9.1	5.1	1.0	0.0	0.0	0.0	100.0
				Len	0.0	153.0	165.0	183.9	188.8	204.3	213.2	196.0	0.0	0.0	179.0	186.6
				Wt	0.0	46.5	66.0	85.5	94.4	118.8	149.0	97.0	0.0	0.0	68.0	91.0
192	052	5	29	Pct	0.0	2.3	5.7	87.5	3.4	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	162.5	163.6	164.1	171.7	177.0	0.0	0.0	0.0	0.0	167.6	164.9
				Wt	0.0	49.5	51.8	54.3	65.7	76.0	0.0	0.0	0.0	0.0	58.8	55.2
193	067	2	21	Pct	0.0	4.1	5.2	55.7	23.7	3.1	4.1	1.0	3.1	0.0	0.0	100.0
				Len	0.0	155.8	162.0	178.5	186.0	191.7	201.5	196.0	207.3	0.0	186.3	181.1
				Wt	0.0	53.5	63.0	82.6	90.9	106.0	111.3	117.0	137.7	0.0	94.3	86.6
194	085	2	21	Pct	0.0	1.0	10.3	50.5	26.8	4.1	3.1	2.1	2.1	0.0	0.0	100.0
				Len	0.0	122.0	163.6	172.2	177.6	188.5	198.3	202.0	193.0	0.0	173.0	174.7
				Wt	0.0	23.0	58.2	68.9	75.5	90.3	102.7	109.5	99.5	0.0	70.3	72.4
195	243	2	21	Pct	0.0	6.4	46.8	27.7	16.0	3.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.3	179.8	189.5	194.9	200.3	0.0	0.0	0.0	0.0	181.7	184.7
				Wt	0.0	67.0	81.5	97.7	104.9	111.0	0.0	0.0	0.0	0.0	83.0	89.3
196	253	5	29	Pct	0.0	2.1	10.4	59.4	18.8	6.3	2.1	1.0	0.0	0.0	0.0	100.0
				Len	0.0	170.5	188.8	197.8	205.1	207.3	210.0	221.0	0.0	0.0	200.0	198.8
				Wt	0.0	63.5	92.5	105.9	112.8	114.7	139.0	144.0	0.0	0.0	110.8	106.7
197	253	5	29	Pct	0.0	0.0	16.1	49.4	24.1	8.0	1.1	0.0	1.1	0.0	0.0	100.0
				Len	0.0	0.0	189.2	197.1	203.3	208.0	222.0	0.0	219.0	0.0	201.8	199.1
				Wt	0.0	0.0	91.7	101.7	108.2	124.4	147.0	0.0	149.0	0.0	113.0	105.7
198	003	5	29	Pct	0.0	6.1	14.1	69.7	9.1	0.0	1.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.3	182.9	203.9	217.2	0.0	233.0	0.0	0.0	0.0	217.0	200.5
				Wt	0.0	64.2	88.1	132.3	167.7	0.0	189.0	0.0	0.0	0.0	149.0	125.9
199	253	5	29	Pct	0.0	4.4	23.1	48.4	12.1	11.0	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	172.0	182.3	193.5	201.3	207.6	208.0	0.0	0.0	0.0	194.4	192.8
				Wt	0.0	69.5	83.6	100.7	110.5	126.5	135.0	0.0	0.0	0.0	100.2	99.8
200	052	5	29	Pct	0.0	2.2	2.2	74.4	12.2	6.7	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	163.0	165.0	181.3	185.8	200.5	213.0	0.0	0.0	0.0	181.5	182.9
				Wt	0.0	51.0	62.5	79.3	86.8	104.7	126.5	0.0	0.0	0.0	76.6	81.4
201	072	2	21	Pct	0.0	2.2	11.0	61.5	17.6	2.2	1.1	1.1	1.1	2.2	0.0	100.0
				Len	0.0	157.5	174.6	187.2	187.4	209.5	231.0	190.0	224.0	202.5	190.7	187.3
				Wt	0.0	50.0	71.0	91.2	93.1	133.0	209.0	93.0	198.0	118.0	99.1	93.0
202	253	5	29	Pct	0.0	1.1	10.6	59.6	17.0	9.6	1.1	0.0	1.1	0.0	0.0	100.0
				Len	0.0	167.0	181.9	195.4	200.8	206.7	215.0	0.0	223.0	0.0	193.3	196.0
				Wt	0.0	73.0	87.8	108.9	118.1	128.4	176.0	0.0	164.0	0.0	101.3	110.4
203	052	5	29	Pct	0.0	2.1	3.2	71.3	10.6	7.4	4.3	0.0	1.1	0.0	0.0	100.0
				Len	0.0	156.0	172.3	184.8	192.9	206.3	209.0	0.0	198.0	0.0	182.7	187.1
				Wt	0.0	47.5	65.0	85.8	105.2	116.7	123.3	0.0	110.0	0.0	82.3	90.1

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
204	067	2	21	Pct	0.0	6.3	3.1	57.3	18.8	2.1	5.2	3.1	3.1	1.0	0.0	100.0
				Len	0.0	157.7	162.0	183.1	184.4	196.5	205.0	207.7	216.7	205.0	172.8	184.1
				Wt	0.0	51.3	55.7	86.1	88.8	104.5	120.4	142.3	146.3	121.0	71.8	88.9
205	002	5	29	Pct	0.0	6.5	12.9	67.7	10.8	2.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.3	187.2	203.8	209.0	238.0	0.0	0.0	0.0	0.0	199.4	200.6
				Wt	0.0	58.7	88.6	121.5	129.1	171.0	0.0	0.0	0.0	0.0	116.0	115.1
206	003	5	29	Pct	0.0	3.2	8.4	82.1	5.3	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	176.3	192.5	207.1	220.2	232.0	0.0	0.0	0.0	0.0	205.8	205.8
				Wt	0.0	71.3	100.6	129.8	154.2	170.0	0.0	0.0	0.0	0.0	125.0	127.1
207	002	5	29	Pct	0.0	5.2	11.5	74.0	4.2	2.1	3.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	170.6	189.8	203.1	214.5	207.5	235.3	0.0	0.0	0.0	203.8	201.5
				Wt	0.0	68.8	99.4	131.9	161.0	135.0	191.0	0.0	0.0	0.0	141.8	128.6
208	052	4	29	Pct	0.0	1.1	1.1	76.9	11.0	6.6	2.2	0.0	1.1	0.0	0.0	100.0
				Len	0.0	160.0	161.0	183.1	196.6	198.5	198.0	0.0	213.0	0.0	182.8	185.5
				Wt	0.0	57.0	56.0	84.5	111.6	105.0	104.5	0.0	132.0	0.0	81.3	88.5
209	052	5	29	Pct	0.0	0.0	1.1	61.1	14.4	15.6	3.3	1.1	3.3	0.0	0.0	100.0
				Len	0.0	0.0	165.0	185.4	198.8	197.8	212.7	214.0	213.3	0.0	184.0	190.5
				Wt	0.0	0.0	61.0	93.3	115.5	113.0	139.3	141.0	147.3	0.0	89.5	101.7
210	052	5	29	Pct	0.0	3.4	3.4	80.9	2.2	6.7	1.1	2.2	0.0	0.0	0.0	100.0
				Len	0.0	153.3	164.0	183.3	189.5	195.3	236.0	211.5	0.0	0.0	169.2	182.2
				Wt	0.0	46.7	58.7	82.9	79.0	105.0	194.0	130.0	0.0	0.0	68.9	82.9
211	052	5	29	Pct	0.0	0.0	2.1	58.9	12.6	16.8	7.4	1.1	1.1	0.0	0.0	100.0
				Len	0.0	0.0	182.0	187.3	194.3	201.1	210.0	205.0	224.0	0.0	191.2	192.6
				Wt	0.0	0.0	80.5	90.5	101.2	112.6	136.6	100.0	161.0	0.0	91.4	99.2
212	052	5	29	Pct	0.0	0.0	1.1	55.4	15.2	19.6	5.4	2.2	0.0	1.1	0.0	100.0
				Len	0.0	0.0	197.0	190.4	201.1	207.8	219.0	230.5	0.0	215.0	199.5	198.3
				Wt	0.0	0.0	116.0	101.2	112.8	127.3	159.6	175.0	0.0	122.0	114.9	113.4
213	052	5	29	Pct	0.0	1.1	1.1	60.0	7.4	15.8	6.3	3.2	5.3	0.0	0.0	100.0
				Len	0.0	140.0	174.0	187.1	196.0	201.2	216.3	211.3	216.4	0.0	194.4	193.5
				Wt	0.0	36.0	79.0	96.6	113.3	130.9	149.2	143.3	160.8	0.0	116.2	110.9
214	074	0	29	Pct	0.0	0.0	7.3	69.8	11.5	0.0	3.1	4.2	4.2	0.0	0.0	100.0
				Len	0.0	0.0	169.4	188.8	194.8	0.0	214.7	208.3	223.0	0.0	193.8	191.2
				Wt	0.0	0.0	66.6	100.3	105.0	0.0	150.3	136.5	162.0	0.0	99.8	103.9
215	052	2	21	Pct	0.0	0.0	0.0	54.3	10.6	17.0	8.5	4.3	4.3	1.1	0.0	100.0
				Len	0.0	0.0	0.0	186.7	195.2	200.7	209.4	216.5	221.3	227.0	199.2	195.4
				Wt	0.0	0.0	0.0	97.1	108.8	114.4	133.8	145.3	174.3	172.0	121.3	111.2
216	067	2	21	Pct	0.0	6.1	6.1	62.2	13.3	3.1	6.1	2.0	1.0	0.0	0.0	100.0
				Len	0.0	146.3	165.8	181.0	184.5	197.7	208.0	205.5	188.0	0.0	173.5	181.0
				Wt	0.0	41.5	64.3	83.1	85.3	126.7	131.3	128.0	96.0	0.0	73.0	84.8
217	052	5	29	Pct	0.0	2.1	1.0	78.4	8.2	8.2	2.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	152.5	175.0	184.8	192.5	202.0	201.0	0.0	0.0	0.0	195.3	186.6
				Wt	0.0	45.5	72.0	89.5	100.6	119.6	112.5	0.0	0.0	0.0	101.7	92.5

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
218	052	5	29	Pct	0.0	1.1	0.0	61.3	11.8	15.1	7.5	1.1	2.2	0.0	0.0	100.0
				Len	0.0	169.0	0.0	190.6	193.1	206.7	210.3	225.0	233.5	0.0	194.7	195.8
				Wt	0.0	64.0	0.0	102.2	106.7	134.4	140.9	186.0	194.5	0.0	109.3	112.7
219	243	2	21	Pct	0.0	3.4	52.8	33.7	9.0	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	157.3	174.0	189.3	191.3	199.0	0.0	0.0	0.0	0.0	178.0	180.2
				Wt	0.0	61.7	77.8	102.6	105.8	115.0	0.0	0.0	0.0	0.0	89.8	88.7
220	253	5	29	Pct	0.0	0.0	10.2	41.8	31.6	13.3	3.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	182.7	198.8	203.0	210.9	214.0	0.0	0.0	0.0	194.5	200.4
				Wt	0.0	0.0	86.8	111.8	115.2	129.4	146.7	0.0	0.0	0.0	100.5	113.5
221	253	5	29	Pct	0.0	1.1	8.5	50.0	28.7	10.6	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	168.0	190.8	198.6	202.7	211.8	225.0	0.0	0.0	0.0	201.7	200.6
				Wt	0.0	59.0	94.9	110.2	118.4	140.4	169.0	0.0	0.0	0.0	118.8	114.8
222	052	5	29	Pct	0.0	0.0	0.0	70.7	10.9	12.0	4.3	1.1	1.1	0.0	0.0	100.0
				Len	0.0	0.0	0.0	189.7	200.6	209.0	214.0	234.0	202.0	0.0	207.0	195.8
				Wt	0.0	0.0	0.0	95.1	112.6	125.8	140.5	178.0	107.0	0.0	128.4	105.7
223	253	5	29	Pct	0.0	1.1	12.0	62.0	15.2	8.7	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	175.0	188.8	199.5	206.4	211.9	225.0	0.0	0.0	0.0	196.9	200.1
				Wt	0.0	78.0	89.9	108.1	118.9	134.4	152.0	0.0	0.0	0.0	106.4	109.7
224	052	5	29	Pct	0.0	1.1	1.1	70.2	14.9	7.4	4.3	1.1	0.0	0.0	0.0	100.0
				Len	0.0	137.0	171.0	181.4	190.7	192.6	199.8	215.0	0.0	0.0	183.2	184.1
				Wt	0.0	33.0	79.0	90.2	99.6	106.3	119.0	134.0	0.0	0.0	90.5	93.5
225	052	0	29	Pct	0.0	0.0	1.0	61.9	13.4	10.3	9.3	2.1	2.1	0.0	0.0	100.0
				Len	0.0	0.0	185.0	186.8	199.8	201.5	210.4	223.0	215.5	0.0	197.0	193.7
				Wt	0.0	0.0	91.0	91.0	107.2	114.8	133.4	150.0	128.0	0.0	109.3	101.8
226	052	5	29	Pct	0.0	0.0	1.0	77.3	7.2	5.2	3.1	1.0	4.1	1.0	0.0	100.0
				Len	0.0	0.0	162.0	185.5	196.9	201.8	204.0	209.0	217.8	214.0	181.3	189.1
				Wt	0.0	0.0	59.0	86.8	109.0	115.6	117.3	119.0	140.0	146.0	75.3	93.1
227	042	0	19	Pct	0.0	0.0	0.0	42.2	13.3	22.9	13.3	3.6	4.8	0.0	0.0	100.0
				Len	0.0	0.0	0.0	199.4	206.5	207.5	211.8	222.3	222.8	0.0	205.4	205.7
				Wt	0.0	0.0	0.0	117.1	119.7	124.6	141.3	155.3	140.8	0.0	123.4	124.6
228	042	0	19	Pct	0.0	0.0	0.0	14.3	15.5	41.7	16.7	7.1	3.6	1.2	0.0	100.0
				Len	0.0	0.0	0.0	200.7	203.1	208.9	212.1	206.0	218.0	220.0	205.4	207.3
				Wt	0.0	0.0	0.0	116.9	124.3	134.1	137.3	123.2	146.7	139.0	125.5	129.6
229	042	0	19	Pct	0.0	0.0	0.0	11.5	4.6	42.5	21.8	8.0	8.0	1.1	0.0	100.0
				Len	0.0	0.0	0.0	203.9	210.8	213.0	213.8	217.6	217.7	210.0	218.0	213.6
				Wt	0.0	0.0	0.0	125.0	132.3	135.4	136.1	138.0	140.7	135.0	145.7	137.0
230	042	0	19	Pct	0.0	0.0	0.0	37.2	14.0	30.2	10.5	4.7	3.5	0.0	0.0	100.0
				Len	0.0	0.0	0.0	198.0	207.5	209.2	215.0	215.0	225.0	0.0	213.2	207.2
				Wt	0.0	0.0	0.0	112.7	127.2	128.3	133.7	137.3	150.7	0.0	138.6	126.1
231	253	0	19	Pct	0.0	0.0	0.0	37.5	40.3	15.3	5.6	0.0	1.4	0.0	0.0	100.0
				Len	0.0	0.0	0.0	204.6	209.6	210.6	213.3	0.0	223.0	0.0	208.9	208.4
				Wt	0.0	0.0	0.0	126.1	132.2	132.8	133.5	0.0	163.0	0.0	131.2	130.7

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
232	052	0	29	Pct	0.0	0.0	1.1	69.1	11.7	8.5	6.4	1.1	2.1	0.0	0.0	100.0
				Len	0.0	0.0	165.0	189.2	192.1	198.9	213.8	215.0	244.0	0.0	184.5	192.6
				Wt	0.0	0.0	48.0	92.5	98.5	107.9	137.3	145.0	183.5	0.0	87.8	98.7
233	042	0	19	Pct	0.0	0.0	0.0	22.6	16.7	29.8	14.3	11.9	3.6	1.2	0.0	100.0
				Len	0.0	0.0	0.0	200.6	205.5	206.7	214.3	215.4	216.3	210.0	207.4	207.6
				Wt	0.0	0.0	0.0	121.3	129.3	129.7	145.6	142.9	140.3	152.0	130.0	131.9
234	072	0	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	187.4	187.4
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.6	96.6
235	072	0	29	Pct	0.0	1.1	5.4	74.2	15.1	1.1	3.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	169.0	162.2	186.2	182.0	205.0	189.0	0.0	0.0	0.0	176.9	183.8
				Wt	0.0	55.0	60.2	89.5	85.7	119.0	96.3	0.0	0.0	0.0	78.0	86.8
236	042	0	19	Pct	0.0	0.0	0.0	11.1	12.3	43.2	13.6	4.9	4.9	6.2	0.0	100.0
				Len	0.0	0.0	0.0	210.6	215.6	215.0	219.9	221.0	228.8	229.0	208.9	216.0
				Wt	0.0	0.0	0.0	137.4	152.2	139.3	157.6	148.3	157.0	170.0	133.2	145.1
237	042	0	19	Pct	0.0	0.0	0.0	39.3	17.9	31.0	8.3	0.0	1.2	1.2	0.0	100.0
				Len	0.0	0.0	0.0	197.8	202.7	204.8	213.9	0.0	236.0	241.0	206.6	203.9
				Wt	0.0	0.0	0.0	108.7	115.9	115.9	137.0	0.0	212.0	206.0	123.8	118.2
238	052	0	29	Pct	0.0	0.0	5.2	75.0	14.6	3.1	1.0	0.0	1.0	0.0	0.0	100.0
				Len	0.0	0.0	163.2	184.8	188.6	208.7	234.0	0.0	219.0	0.0	194.5	186.2
				Wt	0.0	0.0	55.0	87.4	92.9	124.3	162.0	0.0	155.0	0.0	104.0	89.7
239	042	0	19	Pct	0.0	0.0	0.0	22.2	14.4	42.2	12.2	4.4	4.4	0.0	0.0	100.0
				Len	0.0	0.0	0.0	203.8	209.3	210.3	212.9	211.8	220.8	0.0	208.8	209.5
				Wt	0.0	0.0	0.0	122.1	130.2	130.9	140.8	136.0	141.3	0.0	130.2	130.7
240	042	0	19	Pct	0.0	0.0	1.2	16.9	10.8	34.9	21.7	4.8	6.0	2.4	0.0	100.0
				Len	0.0	0.0	199.0	205.3	211.2	210.6	221.1	221.0	228.4	233.0	211.5	213.7
				Wt	0.0	0.0	110.0	131.2	136.0	132.9	156.9	156.5	182.4	161.0	132.7	141.5
241	253	0	19	Pct	0.0	0.0	0.0	22.9	21.4	27.1	15.7	5.7	4.3	2.9	0.0	100.0
				Len	0.0	0.0	0.0	209.9	213.7	218.8	220.1	224.8	226.7	232.5	215.4	216.5
				Wt	0.0	0.0	0.0	127.3	134.5	138.1	138.2	136.8	155.7	142.5	132.2	134.6
242	042	0	19	Pct	0.0	0.0	0.0	26.4	9.2	48.3	10.3	1.1	3.4	1.1	0.0	100.0
				Len	0.0	0.0	0.0	207.9	212.0	213.5	214.8	225.0	220.7	233.0	214.8	212.9
				Wt	0.0	0.0	0.0	131.0	132.0	138.0	147.2	167.0	148.3	171.0	143.5	138.4
243	253	0	19	Pct	0.0	0.0	1.7	13.8	17.2	32.8	17.2	10.3	3.4	3.4	0.0	100.0
				Len	0.0	0.0	207.0	206.6	209.7	215.9	220.0	226.3	224.0	229.0	217.0	216.4
				Wt	0.0	0.0	119.0	132.3	132.5	144.5	153.4	162.5	150.5	169.5	148.0	146.1
244	253	0	19	Pct	0.0	0.0	3.0	51.5	24.2	13.6	6.1	1.5	0.0	0.0	0.0	100.0
				Len	0.0	0.0	192.5	201.6	205.3	208.2	214.3	204.0	0.0	0.0	206.5	204.8
				Wt	0.0	0.0	115.5	130.9	132.7	135.8	136.8	127.0	0.0	0.0	135.1	132.9
245	052	0	29	Pct	0.0	0.0	0.0	80.4	8.2	7.2	3.1	0.0	1.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	183.9	191.4	201.6	194.3	0.0	217.0	0.0	199.0	186.8
				Wt	0.0	0.0	0.0	89.2	101.6	119.4	100.7	0.0	160.0	0.0	117.0	94.2

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
246	072	0	29	Pct	0.0	0.0	6.8	58.0	21.6	1.1	5.7	5.7	1.1	0.0	0.0	100.0
				Len	0.0	0.0	176.0	184.5	188.8	204.0	208.6	212.4	204.0	0.0	173.8	186.5
				Wt	0.0	0.0	79.8	95.3	101.5	111.0	144.6	145.2	123.0	0.0	79.7	99.1
247	052	0	29	Pct	0.0	0.0	2.1	75.0	6.3	10.4	5.2	0.0	1.0	0.0	0.0	100.0
				Len	0.0	0.0	173.0	187.4	195.8	196.5	208.0	0.0	215.0	0.0	201.3	190.4
				Wt	0.0	0.0	74.5	97.1	118.7	114.0	136.2	0.0	133.0	0.0	119.3	102.8
248	072	0	29	Pct	0.0	0.0	6.8	64.8	12.5	2.3	6.8	5.7	0.0	1.1	0.0	100.0
				Len	0.0	0.0	165.2	182.4	187.9	196.5	207.7	210.2	0.0	206.0	182.2	185.4
				Wt	0.0	0.0	68.0	93.9	99.9	110.0	141.0	147.6	0.0	148.0	100.0	100.1
249	042	0	19	Pct	0.0	0.0	0.0	5.6	9.0	29.2	30.3	6.7	9.0	4.5	0.0	100.0
				Len	0.0	0.0	0.0	206.8	210.9	213.5	217.3	219.0	225.0	228.3	212.5	216.4
				Wt	0.0	0.0	0.0	136.4	142.1	143.9	150.4	143.2	172.3	173.0	141.2	149.5
250	042	0	19	Pct	0.0	0.0	0.0	15.9	25.0	40.9	13.6	2.3	1.1	1.1	0.0	100.0
				Len	0.0	0.0	0.0	200.9	209.8	210.2	212.3	210.5	221.0	233.0	209.8	209.3
				Wt	0.0	0.0	0.0	113.2	127.9	128.6	138.5	121.5	146.0	169.0	122.8	127.2
251	042	0	19	Pct	0.0	0.0	0.0	19.8	13.2	41.8	13.2	4.4	7.7	0.0	0.0	100.0
				Len	0.0	0.0	0.0	207.3	211.7	217.4	218.0	229.3	224.0	0.0	215.7	215.7
				Wt	0.0	0.0	0.0	127.5	137.2	148.5	146.1	170.3	168.1	0.0	141.9	144.7
252	253	0	19	Pct	0.0	0.0	0.0	11.9	19.4	32.8	29.9	3.0	3.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	208.5	212.3	220.2	222.3	218.5	219.5	0.0	219.3	218.3
				Wt	0.0	0.0	0.0	133.8	145.5	152.5	161.9	154.5	154.0	0.0	157.9	153.8
253	052	0	29	Pct	0.0	1.1	3.3	64.1	16.3	10.9	2.2	0.0	1.1	0.0	0.0	100.0
				Len	0.0	162.0	184.0	187.7	195.8	201.9	216.0	0.0	221.0	0.0	191.4	191.5
				Wt	0.0	52.0	93.7	92.1	108.5	127.6	125.0	0.0	161.0	0.0	100.9	100.6
254	253	0	19	Pct	0.0	0.0	1.4	31.0	26.8	29.6	8.5	2.8	0.0	0.0	0.0	100.0
				Len	0.0	0.0	190.0	205.4	206.7	210.5	220.5	218.5	0.0	0.0	206.2	207.9
				Wt	0.0	0.0	103.0	123.0	126.8	131.1	134.7	146.0	0.0	0.0	125.6	127.1
255	253	0	19	Pct	0.0	0.0	1.5	39.4	25.8	21.2	10.6	0.0	0.0	1.5	0.0	100.0
				Len	0.0	0.0	209.0	204.6	206.6	212.1	213.7	0.0	0.0	198.0	206.4	207.2
				Wt	0.0	0.0	133.0	126.6	128.8	134.2	132.0	0.0	0.0	111.0	130.5	129.6
256	253	0	19	Pct	0.0	0.0	0.0	26.3	22.5	26.3	16.3	3.8	5.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	210.4	212.6	218.5	223.2	220.7	226.3	0.0	213.4	215.7
				Wt	0.0	0.0	0.0	134.7	137.1	143.2	151.0	150.3	150.3	0.0	137.4	140.7
257	253	0	19	Pct	0.0	0.0	0.0	21.0	21.0	27.2	21.0	7.4	2.5	0.0	0.0	100.0
				Len	0.0	0.0	0.0	210.5	211.4	216.8	217.7	220.8	231.5	0.0	216.2	215.4
				Wt	0.0	0.0	0.0	135.2	135.1	143.1	149.8	147.3	164.0	0.0	143.9	142.4
258	253	0	29	Pct	0.0	1.3	5.0	62.5	26.3	5.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	182.0	182.5	193.8	197.6	198.5	0.0	0.0	0.0	0.0	194.0	194.3
				Wt	0.0	56.0	84.8	99.5	108.2	113.8	0.0	0.0	0.0	0.0	103.4	101.7
259	253	0	29	Pct	0.0	0.0	12.0	53.0	30.1	4.8	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	182.1	195.9	198.7	201.8	0.0	0.0	0.0	0.0	198.2	195.8
				Wt	0.0	0.0	81.8	100.2	105.7	111.0	0.0	0.0	0.0	0.0	105.5	101.1

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
260	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189.4	189.4
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.5	90.5
261	143	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193.7	193.7
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.0	93.0
262	253	0	29	Pct	0.0	0.0	5.7	47.7	36.4	6.8	1.1	1.1	1.1	0.0	0.0	100.0
				Len	0.0	0.0	185.6	199.5	204.0	206.5	220.0	218.0	236.0	0.0	196.6	201.1
				Wt	0.0	0.0	90.4	112.5	119.7	118.8	139.0	157.0	167.0	0.0	105.9	114.5
263	253	0	29	Pct	0.0	1.2	7.1	43.5	32.9	11.8	2.4	0.0	1.2	0.0	0.0	100.0
				Len	0.0	137.0	184.7	196.4	199.9	208.1	209.5	0.0	232.0	0.0	195.0	197.7
				Wt	0.0	30.0	85.5	101.7	106.8	118.8	114.5	0.0	190.0	0.0	102.9	104.5
264	253	0	29	Pct	0.0	0.0	2.2	47.8	31.1	10.0	6.7	1.1	1.1	0.0	0.0	100.0
				Len	0.0	0.0	187.0	198.0	199.8	207.4	209.8	202.0	215.0	0.0	199.3	200.2
				Wt	0.0	0.0	74.5	106.6	111.6	132.0	138.0	121.0	159.0	0.0	110.2	112.6
265	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	187.6	187.6
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.2	88.2
266	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.2	192.2
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.5	95.5
267	141	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.4	185.4
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.8	87.8
268	232	5	29	Pct	0.0	24.2	36.8	26.3	9.5	3.2	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	167.7	183.8	188.6	193.2	205.0	0.0	0.0	0.0	0.0	183.8	182.8
				Wt	0.0	65.7	86.9	95.8	104.3	126.0	0.0	0.0	0.0	0.0	85.2	86.9
269	232	5	29	Pct	0.0	15.8	27.4	41.1	14.7	1.1	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	161.5	175.8	187.4	194.7	176.0	0.0	0.0	0.0	0.0	179.2	181.0
				Wt	0.0	63.0	81.3	98.8	102.1	89.0	0.0	0.0	0.0	0.0	86.0	88.6
270	152	5	29	Pct	0.0	63.8	27.7	5.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	136.3	144.7	143.8	141.3	0.0	0.0	0.0	0.0	0.0	136.3	139.0
				Wt	0.0	33.4	42.0	43.4	43.7	0.0	0.0	0.0	0.0	0.0	33.7	36.4
271	143	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.7	185.7
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.4	85.4
272	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189.7	189.7
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.9	92.9
273	143	5	29	Pct	0.0	4.2	34.4	40.6	19.8	1.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	154.0	177.5	184.8	189.1	202.0	0.0	0.0	0.0	0.0	182.8	182.1
				Wt	0.0	48.0	74.2	82.3	90.3	128.0	0.0	0.0	0.0	0.0	84.5	80.3

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
274	143	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.3	185.3
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.1	89.1
275	142	5	29	Pct	0.0	15.1	37.6	34.4	10.8	1.1	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	158.5	172.2	183.0	193.3	191.0	221.0	0.0	0.0	0.0	179.1	177.0
				Wt	0.0	57.1	72.6	88.7	104.7	101.0	175.0	0.0	0.0	0.0	80.3	80.6
276	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	186.5	186.5
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.8	89.8
277	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189.9	189.9
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.9	94.9
278	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.1	184.1
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.9	85.9
279	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.2	79.2
280	142	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.4	190.4
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.6	99.6
281	253	5	29	Pct	0.0	0.0	17.5	49.5	22.7	7.2	3.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	186.0	194.8	203.0	204.3	218.0	0.0	0.0	0.0	201.3	196.7
				Wt	0.0	0.0	88.2	104.7	116.1	121.7	147.7	0.0	0.0	0.0	119.0	107.3
282	143	5	29	Pct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	191.0	191.0
				Wt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0	96.0
283	173	5	29	Pct	0.0	88.4	9.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	134.0	145.0	152.5	0.0	0.0	0.0	0.0	0.0	0.0	135.2	135.4
				Wt	0.0	30.8	39.6	41.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6	31.9
284	173	5	29	Pct	0.0	14.0	33.3	31.2	17.2	3.2	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	154.2	167.6	181.8	191.9	193.7	161.0	0.0	0.0	0.0	162.6	174.2
				Wt	0.0	51.8	66.5	84.0	100.6	96.0	58.0	0.0	0.0	0.0	58.4	75.4
285	173	5	29	Pct	0.0	8.9	37.8	34.4	15.6	3.3	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	144.8	167.4	185.4	198.1	199.7	0.0	0.0	0.0	0.0	184.5	178.1
				Wt	0.0	42.1	68.0	89.5	105.1	112.7	0.0	0.0	0.0	0.0	88.1	81.1
286	191	5	29	Pct	0.0	4.3	31.9	40.4	19.1	4.3	0.0	0.0	0.0	0.0	0.0	100.0
				Len	0.0	162.5	179.9	190.0	197.4	204.5	0.0	0.0	0.0	0.0	169.7	186.6
				Wt	0.0	55.5	71.4	84.7	93.4	107.0	0.0	0.0	0.0	0.0	61.5	80.6
287	173	5	29	Pct	0.0	15.6	38.9	21.1	17.8	5.6	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	159.1	173.4	184.3	198.1	209.8	196.0	0.0	0.0	0.0	164.9	178.6
				Wt	0.0	52.4	68.5	80.5	98.9	118.6	93.0	0.0	0.0	0.0	60.5	75.3

Table 13. (cont'd).

Sample	Sect	Src	Gear		0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	Unknown	Total
288	191	5	29	Pct	0.0	4.1	25.8	40.2	24.7	3.1	2.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	154.8	174.1	189.1	198.8	203.7	198.0	0.0	0.0	0.0	199.7	187.2
				Wt	0.0	47.8	68.1	87.5	99.5	104.7	99.0	0.0	0.0	0.0	107.0	85.3
289	181	5	29	Pct	0.0	10.6	30.9	37.2	17.0	3.2	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	166.1	171.4	187.8	187.8	206.7	207.0	0.0	0.0	0.0	184.5	181.4
				Wt	0.0	60.7	70.1	89.5	92.6	129.0	130.0	0.0	0.0	0.0	91.5	83.2
290	143	6	29	Pct	0.0	13.3	28.9	36.7	15.6	2.2	3.3	0.0	0.0	0.0	0.0	100.0
				Len	0.0	158.6	174.6	184.1	196.9	206.0	209.7	0.0	0.0	0.0	174.9	180.7
				Wt	0.0	52.8	71.4	82.1	101.0	118.0	125.7	0.0	0.0	0.0	74.4	79.7
291	143	6	29	Pct	0.0	0.0	23.4	60.9	9.4	4.7	1.6	0.0	0.0	0.0	0.0	100.0
				Len	0.0	0.0	178.2	187.2	197.5	202.0	205.0	0.0	0.0	0.0	177.7	183.7
				Wt	0.0	0.0	72.8	83.2	97.2	104.3	98.0	0.0	0.0	0.0	73.8	79.9
292	172	6	29	Pct	0.0	2.2	18.0	42.7	28.1	6.7	2.2	0.0	0.0	0.0	0.0	100.0
				Len	0.0	170.5	187.1	194.9	199.5	204.3	212.5	0.0	0.0	0.0	193.1	195.0
				Wt	0.0	63.0	84.0	95.6	104.2	109.8	118.5	0.0	0.0	0.0	92.7	96.2
293	172	6	29	Pct	0.0	1.1	35.2	50.0	11.4	1.1	1.1	0.0	0.0	0.0	0.0	100.0
				Len	0.0	167.0	185.5	189.8	201.7	215.0	216.0	0.0	0.0	0.0	185.3	189.4
				Wt	0.0	65.0	84.6	92.7	111.1	121.0	144.0	0.0	0.0	0.0	83.5	91.5
294	172	6	29	Pct	0.0	7.4	32.1	37.0	22.2	0.0	0.0	0.0	1.2	0.0	0.0	100.0
				Len	0.0	167.0	176.0	186.3	194.6	0.0	0.0	0.0	218.0	0.0	175.1	182.1
				Wt	0.0	64.2	70.0	82.9	93.9	0.0	0.0	0.0	128.0	0.0	72.9	78.9

This page left blank on purpose.

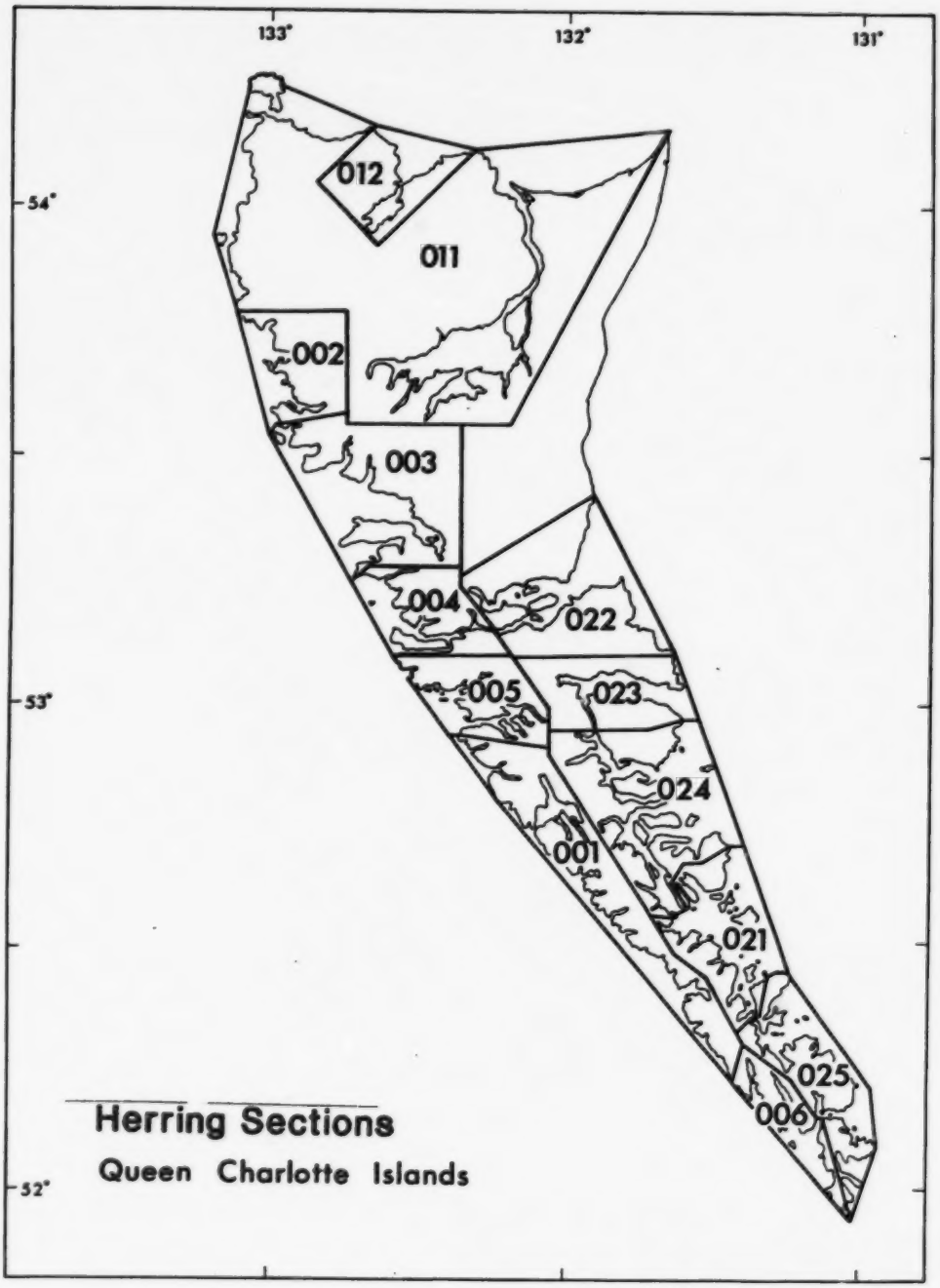

Fig. 1. Herring sections in the Queen Charlotte Islands region.

This page left blank purposely.

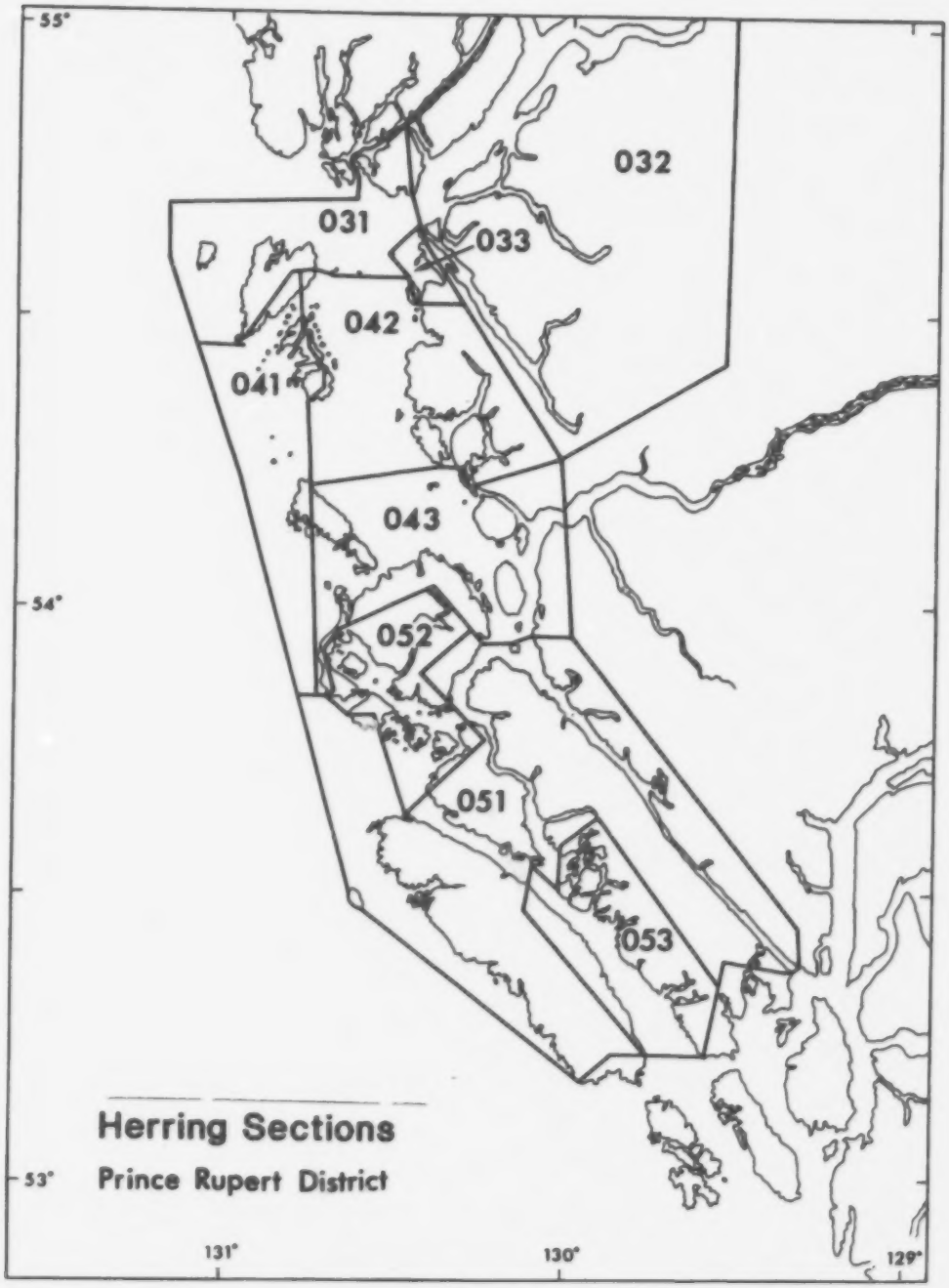

Fig. 2. Herring sections in the Prince Rupert District region.

This page left blank purposely.

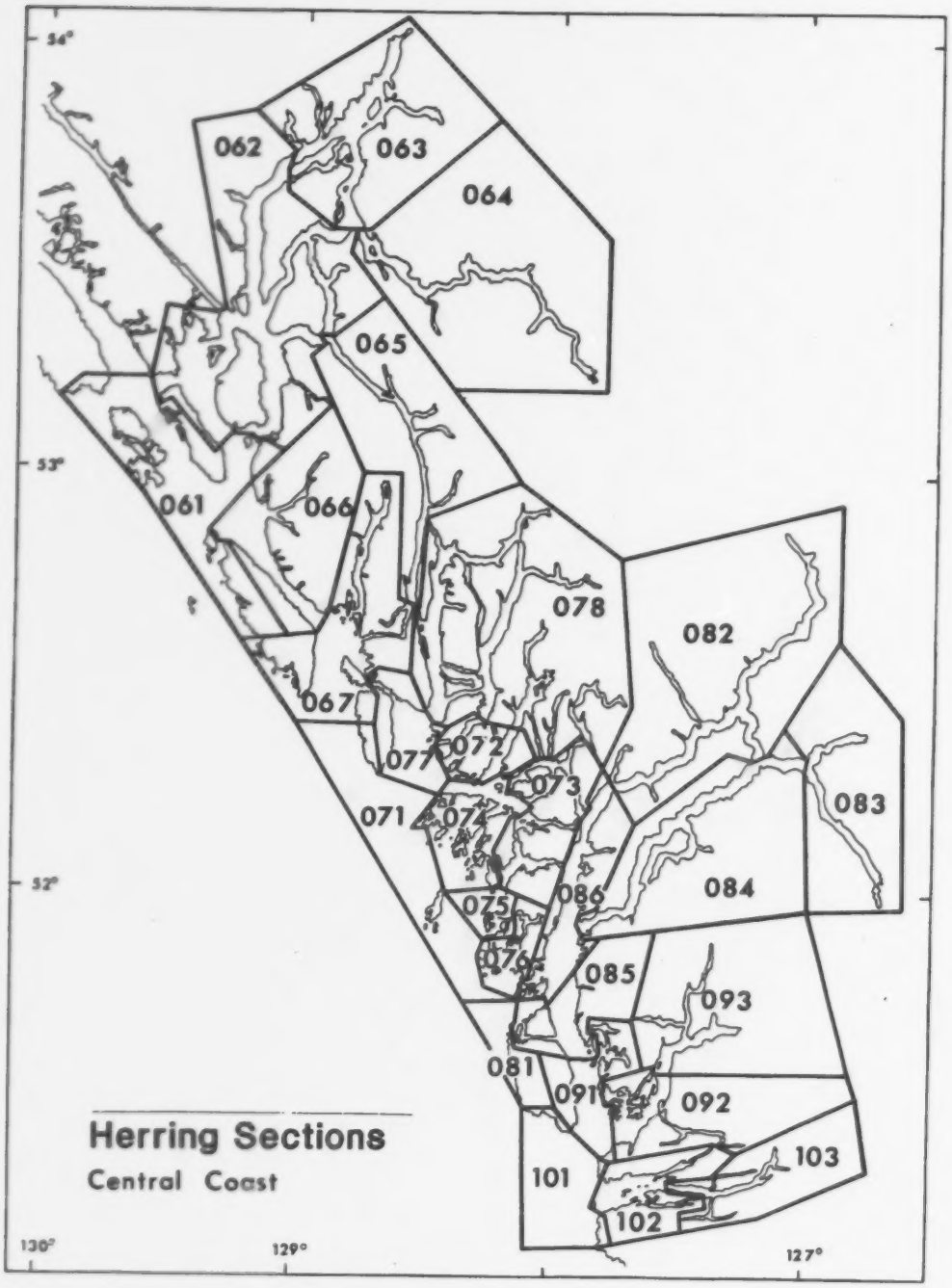

Fig. 3. Herring sections in the Central Coast region.

This page left blank purposely.

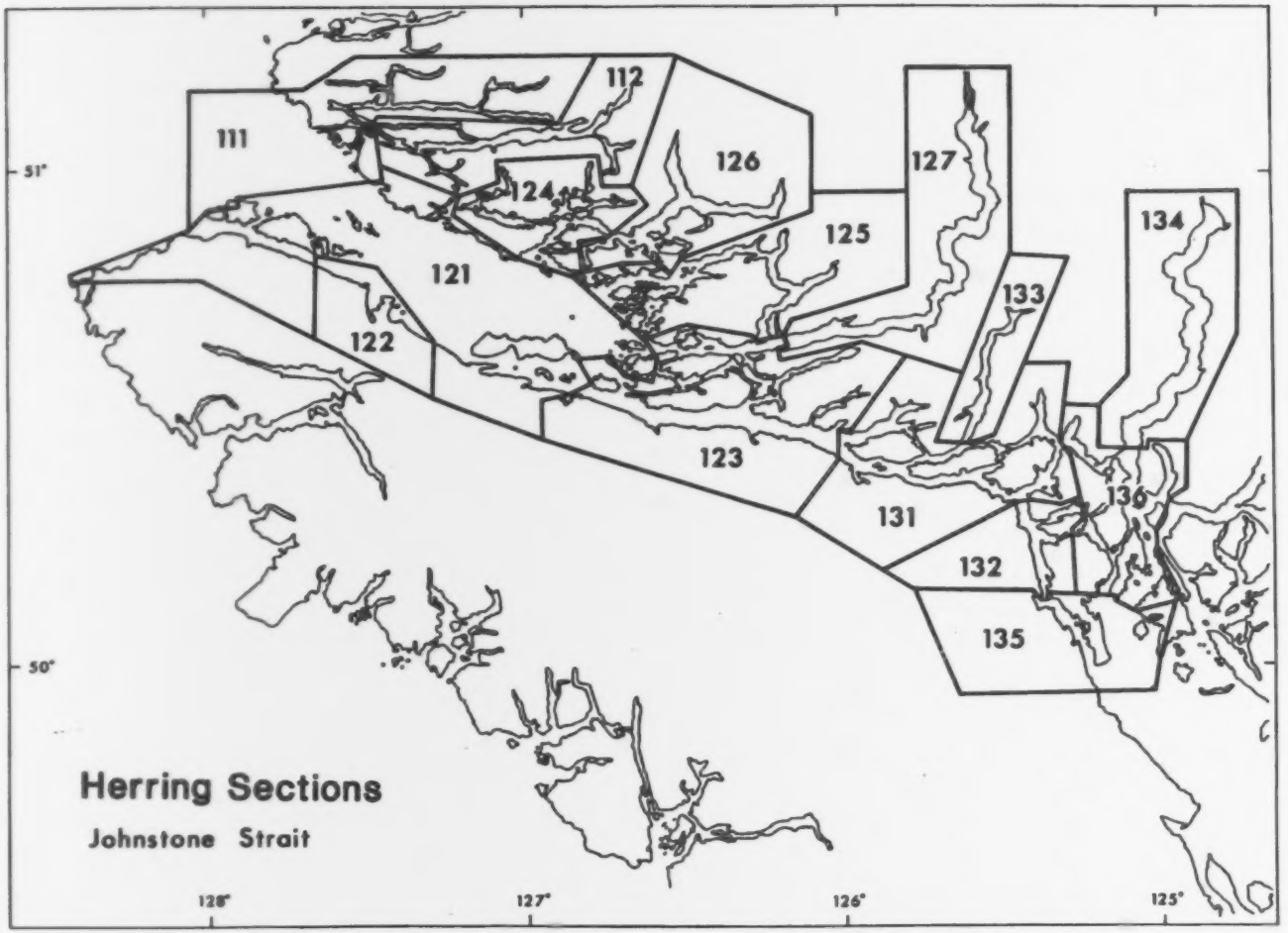

Fig. 4. Herring sections in the Johnstone Strait region.

This page left blank purposely.

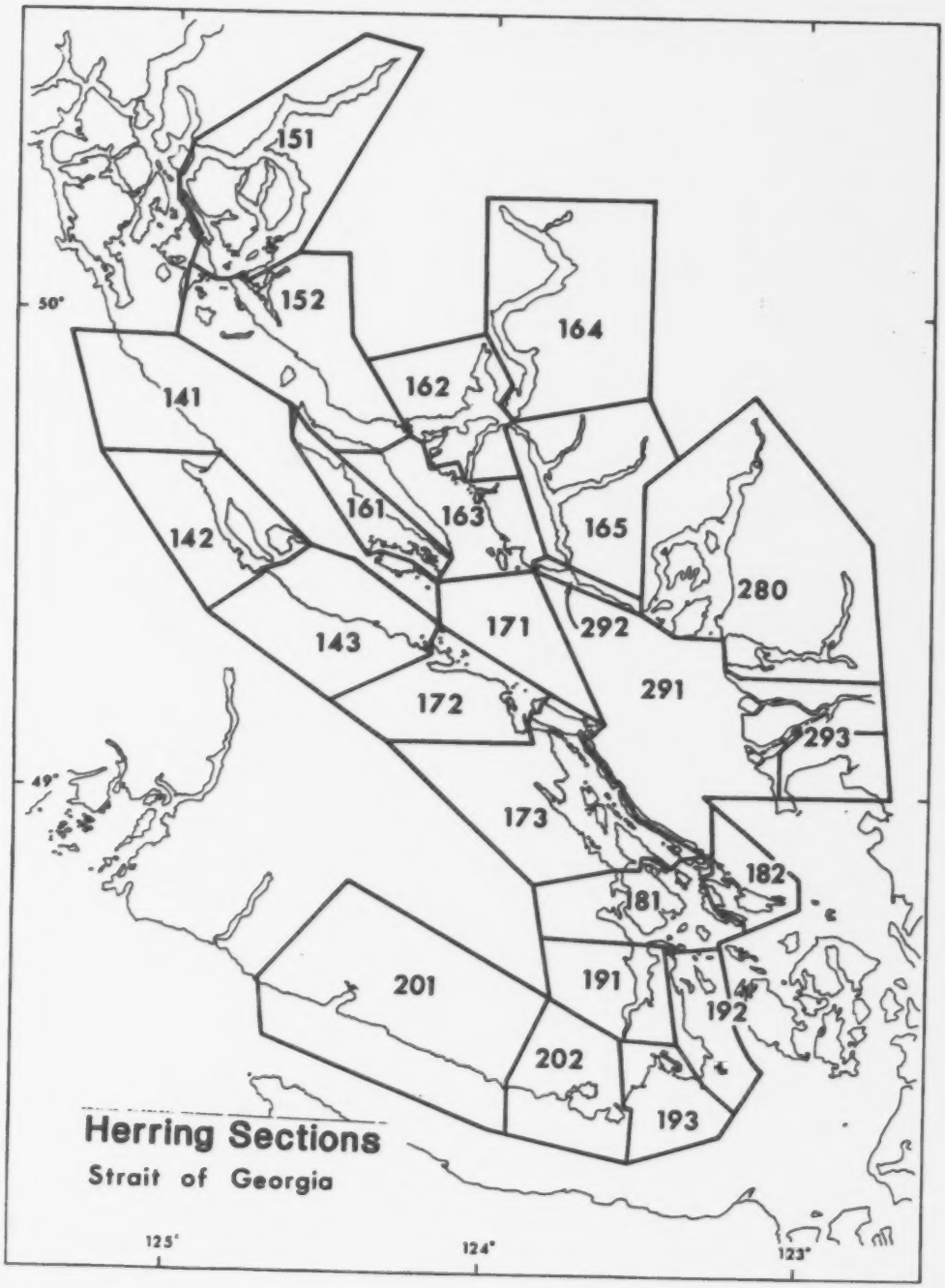

Fig. 5. Herring sections in the Strait of Georgia region.

This page left blank purposely.

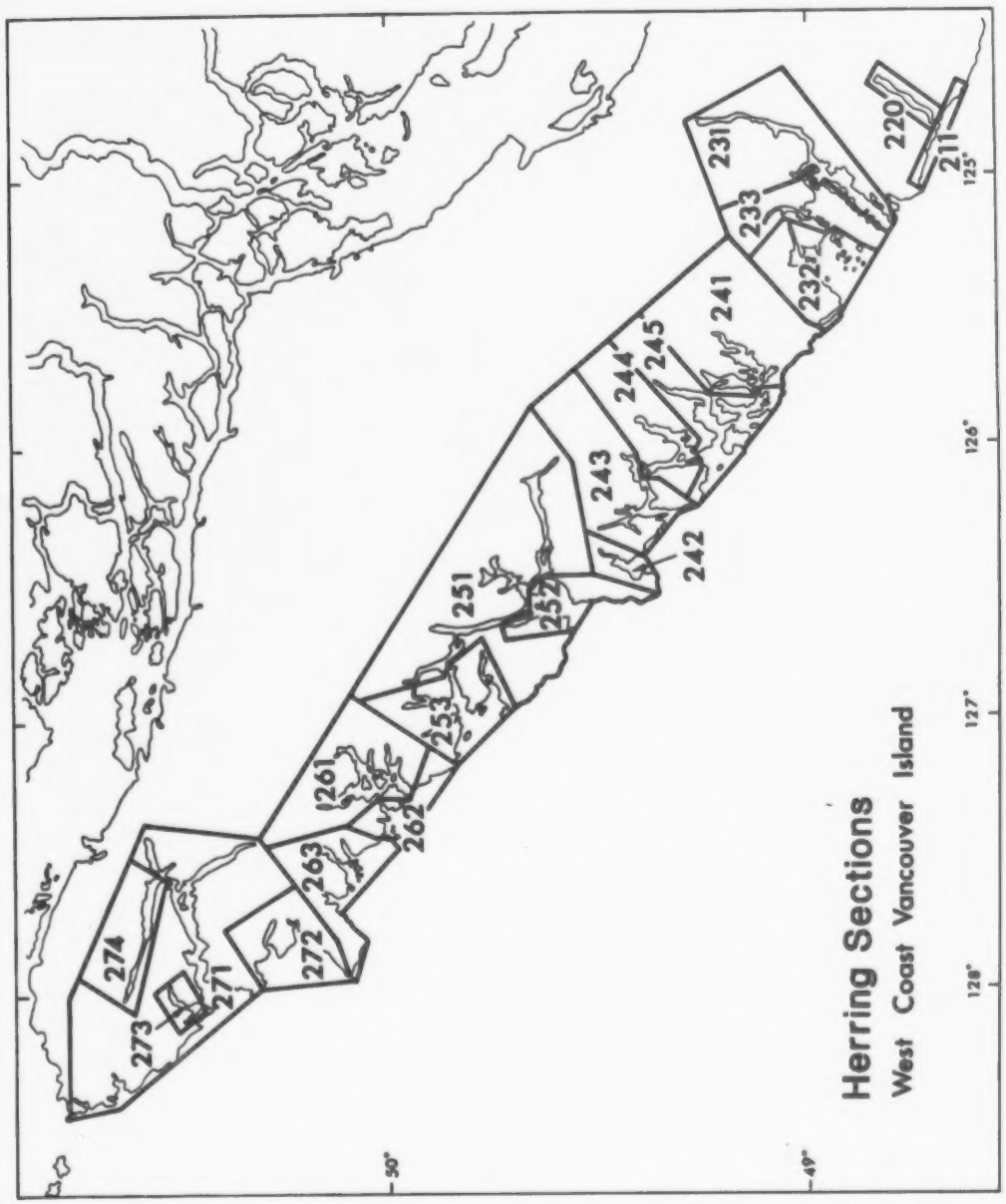

Fig. 6. Herring sections in the West Coast Vancouver Island region.

This page left blank purposely.

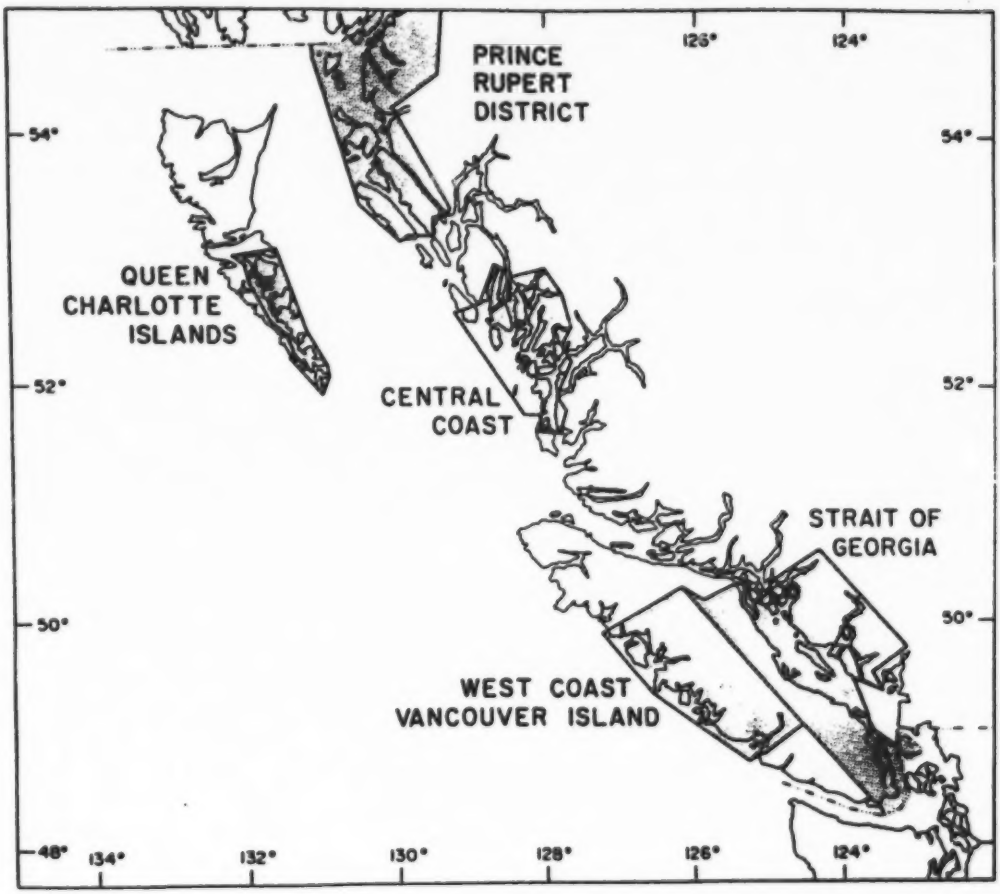

Fig. 7. Herring stock assessment regions in British Columbia.